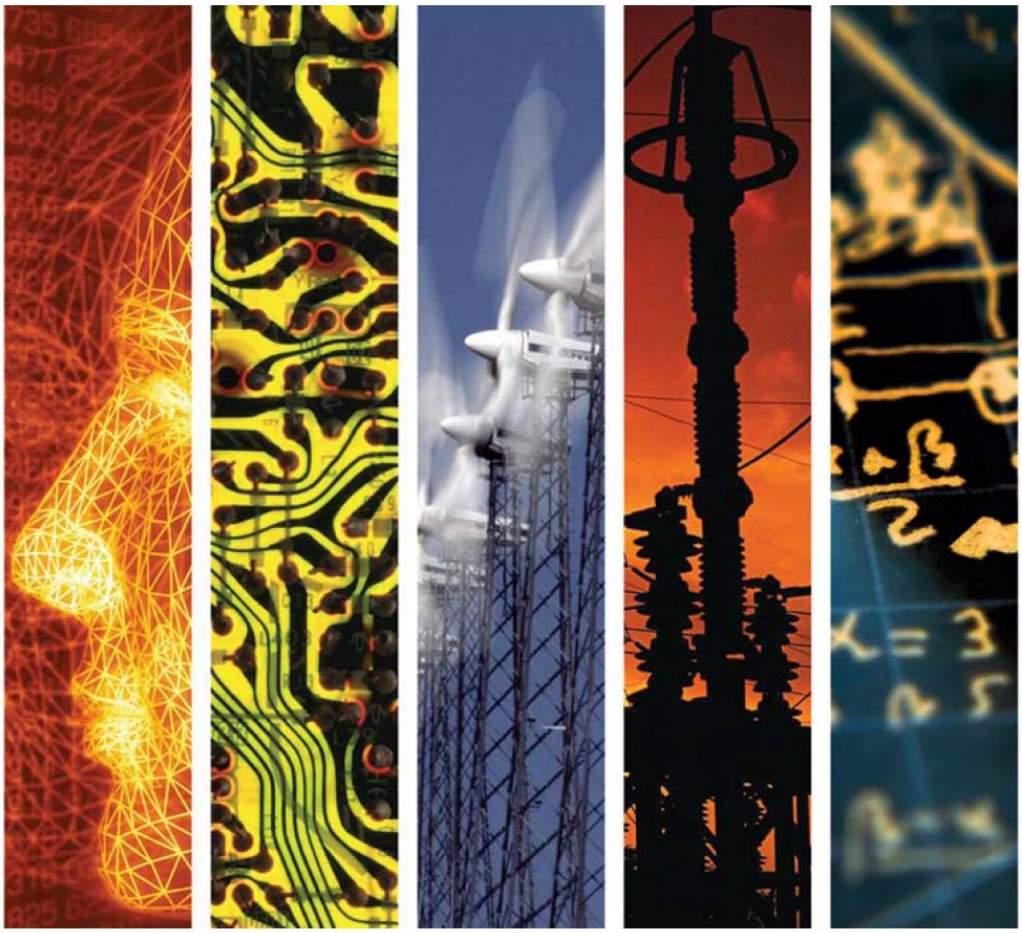
Inspec on™ -

User Notes
Questel



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1. CONNECTING TO QUESTEL ORBIT

Type the Questel.Orbit network User Address • Choose the Questel.Orbit service you require from this Welcome menu : Current host setting :8 BITS - KERMIT protocol Mode actif du serveur :8 BITS - protocole KERMIT I - QUESTEL.ORBIT IMAGES Gif/Tiff M - MERGED MARKUSH SERVICE (MMS) Q - QUESTEL.ORBIT (TTY/ASCII terminals) C - Change your mode to 7 BITS and KERMIT protocol X - EXIT Choice / Choix ? i **Web Access through QWEB** ▪ Enter QWEB website address ▪ Click on Login or Secure Login ▪ Type your Login & Password in boxes provided ▪ Click on Login button	**questel.orbit.com (for TCP/IP)** **Choice / Choix ? I** **Logon ? XXXXX:XX** **YYYY** **http:// www.qweb.questel.orbit.com** **Logon : XXXXX :XX** **Password : XXXX**

2. LOGGING OFF

▪ To end a session - with a temporary saved search of two hours default: current search session and any MEM or MEMS lists) - without a temporary saved search	**ST** **ST EN**

3. SUBACCOUNT

▪ To charge back your online search costs to a particular client, department or project number, the online cost estimator and the monthly invoice will be itemized per subaccount	
▪ To start a subaccount Give a name up to 30 alphanumeric characters. (No spaces or tabs are allowed in the subaccount name.)	**SUBACCT MARKET**
▪ To display the subaccount currently being charged	**SUBACCT**
▪ To list all subaccounts that have been charged during the current search session	**HIS SUBACCT**
▪ To revert charging to the main billing account	**SUBACCT END**

4. SELECTING A DATABASE

▪ To display the list of currently available databases	**FI or FILE**
▪ To obtain a list of databases beginning with "Z" (training files)	**FI Z+**
▪ To obtain statistics of a database	**FI PLUSPAT STAT**
▪ To select a database (or change databases)	**FI PLUSPAT or FILE PLUSPAT**
▪ Changing databases: - with a temporary saved search (default)	**FI DWPI or FILE DWPI**
- and re-executing the search strategy from a previously-selected database. Use a ";" to stack several commands together on one line, and the "FROM" parameter followed by the name of the previous database	**FI DWPI;EX FROM PLUSPAT**
- and erasing the search strategy in the current database (the MEM and MEMS lists remain intact)	
- and erasing all the previous search strategies	**ERSLL**
▪ To select the Questel Orbit"Parking file" with a temporary saved search	**ER FROM BEGIN** **FI QUESTEL**
▪ To select a database CLuster (system or user-defined database clusters for "one search" or multi-file search)	**FI CL PATENTS [or] FI PATENTS** **(use of "CL" is optional)**
▪ For more on CLuster searching, click on link at right - or turn to page 15	**CLuster Searching**

Notes:

- The same commands and operators used for searching a single database are used when searching in a cluster environment. Use the FROM parameter to limit a command to a single database. This parameter must be used with some specific commands.
- The display of detailed search results (database by database) may be switched on or off in POP settings using the DETail ON or DETail OFF commands. The default is to display the detailed search results (DET ON).
- When connecting to a cluster, all previously-created search strategies are erased.

5. LIMITING A SEARCH

5.1 Limiting to a specific update or range of updates

Note : The UP command uses the date the update is added to the database, and does not correspond exactly to the producer update.

▪ List updates in a particular database for selection:	**FI PLUSPAT** **UP** **1 33354 2003/05/08** **2 51743 2003/04/30** **3 19746 2003/04/25** **4 54726 2003/04/16** **5 27492 2003/04/09** **6 52537 2003/04/03….**

- select the most recent update - select update number 3 - select updates 3 – 6	**1** **3** **3-6**
▪ Limiting a search to specific update periods: - to most recent updates - to update period number 5 - to updates 5 to 7	 **UP 1** **UP 5** **UP 5-7**
▪ Limiting by updates a search to a specific range of years: - to a single year - to a range of years	 **UP 2002** **UP 2001-2002**
▪ List updates from a specific database in a previously-selected database or specific database in a cluster environment	**UP FROM EPPATENT** **UP 1-10 FROM DWPI**
▪ To return to the complete database	**UP ALL**

5.2 Limiting to a sub-set of the database

• To create a database sub-set, use the LIMit command followed by a search statement number. All subsequent searches will be automatically carried out on this sub-set. - sub-set created from a previous search statement - sub-set created from a search term - sub-set created from a range of search terms - sub-set created using Boolean operators	**LIM** **LIM 3** **LIM 2002-37/UP** **LIM /UP 2002-01 : 2002-37** **LIM HOECHST/PA AND JP/PN**
▪ To return to the complete database	**LIM ALL**
Note: 1. The LIM command cannot be used in current awareness searches (SDI). 2. Limiting to a zero result search statement is ignored.	

6. SEARCHING

Note: The Questel.Orbit system is by default in SEARCH MODE. Enter search terms directly, i.e. without preceeding "s " or "ss".

Correct Entry of Terms	**Incorrect Entry of Terms**
wireless application protocol	**s wireless application protocol**
1 or WAP	**s s1 or WAP**

6.1 Search Terms

There are several different types of search terms used for searching the Questel.Orbit databases.

- **Single word terms** ("free text"). Any character string containing letters from A to Z and/or numbers from 0 to 9, separated by any form of punctuation (space, hyphen, etc) e.g. Index term : **X-RAY**
  Except RESERVED TERMS
- **Multi-word phrases** ("phrase indexed"). Any phrase where the component terms are designed to belong together : e.g. Inventor name : **SMITH A P**
  See NBR command
- **Dates**. Any date field specifically designed for rangeable date searching. e.g: Patent Publication date : PD=2000-01-30 (in the format YYYY-MM-DD)
  See Date Searching
- **Numeric terms.** Any string of numbers searched as meaningful element in a specific field; e.g.: US Patent Classification 70505/PCL -
  See Patent Class Searching

6.2 Implied Adjacency

▪ Implied adjacency is available in certain indexes in selected databases. It enables searching without using the W proximity operator. ▪ Right-hand and internal truncation can be used with implied adjacency. Left-hand truncation is not available with implied adjacency. Note: If middle or internal word(s) are 3 characters or less, they will be ignored , e.g.: if you have entered : it will be searched as ▪ To retrieve 3 char middle word, use: W	**AIR BAG** **FIELD EFFECT TRANSISTOR** **DESUL??URIS+ CATALYST** **NON FAT FOOD** **NON 1W FOOD** **NON W FAT W FOOD**

6.3 Truncation

▪ Unlimited truncation Limit of 30,000 **terms** per answer set ▪ Limited truncation: - up to one character (0 or 1 char) - up to two characters (0, 1 or 2 chars) - exactly one character	**ROBOT+** **COTTON?** **ANALYS??** **/IC H01#**
▪ Right-hand truncation	**AMPLIF+** **LASER?**
▪ Internal truncation (from second character only)	**ALUMIN?UM** **/IN O?HARA M+**
▪ Left-hand truncation	**+INFLAMMATORY**
▪ Using a combination of truncation methods (#, ?,+). Each type may be used up to 3 times within a search term. The limit is 7 term portions and identical truncation symbols.	**+CIL??N+**
▪ Truncation on single word terms or phrases	**SURF+** **/IT X?RAY+**
▪ Display options: - To request the display of variations (see 15.4 for POP and OP options)	**+CONDUCT+/S** **+CONDUCT+/ALL**

6.4 Searching with field qualifiers

▪ To obtain a list of field qualifiers valid for the current database ▪ Common Field qualifers for Patent databases	**FLD** **TI PA IN AP PR AB IC PCL CT CLM MCLM DESC BSUM**
▪ Searches the Basic Index (default) ▪ **Post qualify:** searches for the qualified term in the specified index or field ▪ **Pre-qualify:** searches the whole search statement in the specified index	**ENZYME?** **LASER/MCLM** **/PA CIBA AND GEIGY**

▪ Several different qualifiers may be used simultaneously: - To search several indexes or fields - To display generated terms - To suppress generated terms	 **SMITH+/PA/IN** **SMITH+/IN/S** or **SMITH+/S/IN** **SMITH+/IN/ALL** or **/ALL/IN SMITH+**

6.5 Date and numeric field qualifiers

▪ In a single date field, search for year-month-day: - A specific year or date - Ranging in selected databases: - Before a specific year - Including and after a specific year - A range of dates (selected databases) Use numeric operators: <, >, <=, >=, =.	 **PD=2002** **APD= 1984-02-10** **PD<1982** **PRD>=1990** **PD=1981-01-01:1988-01-31**
▪ Multiple date field , (as in DWPI family PN listing), use Link (L) operator to specify a date with a specific patent authority/country.	**/PN US L 2002** **/PN 2000 L (JPB2 or USB2 or EPB?)**
▪ Single numeric field (not available in all files) - 1 family member only - Number of claims - Number of DWGS	 **NP=1** **NCL>=5** **NDG<3**
▪ Presence of a field - Record with cited patents - Record updated with Abstract	 **CT=YES** **UAB=YES**

6.6 Combining Terms (AND, OR, NOT, W, D,…) Use of Parentheses

▪ Logical operators: - Records retreived containing both terms **(AND)** - Records containing at least one of the terms **(OR)** - Records containing the first term but not the second **(NOT)** - Single use of any Boolean or proximity operator with many search terms or search statements - End a long line of entry with a space and hyphen "-" to continue entering more terms in same search statement - Combining search result sets using search statement numbers	 **PLUTONION AND ISOTOPE** **AIR OR TEMPERATURE** **COLA/MARK NOT CL32** **OR CAT,DOG,MOUSE,RABBIT** **OR CAT,DOG,MOUSE,RABBIT-** **HAMSTER,GERBIL** **5 OR 6** **1 OR 2 OR 3** **1 :3** **OR 1,2,3**
Proximity operators (separated by spaces or parentheses): - **W** or (W): adjacent terms in order specified - **nW** or (nW): adjacent terms in order specified, separated by up to n words, where n is from 1 to 9. - **=nW** or (=nW): exactly n words between search terms - **D** or (D): adjacent terms in any order - **nD** or (nD) adjacent terms in any order, separated by up to n words - **=nD** or (=nD): exactly n words between search terms	 **NEW W YORK** or **NEW (W) YORK** **FILTER 3W FLOW** **METAL W METAL 3W BOND** **/AB LIGHT (=2W) DIODE** **TOWN? D PLANNING** **HEAT+ (3D) ELECTRIC??** **COMPOSITE? (=1D) (FIBRE? OR FIBER?)**

▪ Presence of both terms in the same portion of a ▪ record. Terms appear in the same: - Sentence: **S** or (S) - Paragraph: **P** or (P) - Link: **L** or (L) - Field: **F** or (F	**/AB LIQUID S CRYSTAL** **/PA CIBA P GEIGY** **/PN JP L 1997** **SODIUM F SALT**
▪ Presence of the first term in the absence of the ▪ second term (negation): - Paragraph: **NOTP** - Linked**: NOTL** - Sentence: **NOTS** - Field: **NOTF**	**/M3 (G100 LK431 LM240) NOTL (H ? OR J ?)**
• Combining several operators - Use parentheses (NESTING) when combining different operators - Up to 5 levels of nesting may be used - Qualifiers may be applied to parentheses - Search terms and search statement numbers may be combined	**(COMPUTER ? OR CALCULATOR)** **AND (IBM/PA OR IBMC/CC)** **WINDSURF+ OR (WIND W (SURF OR SURFING)** **LASER AND (FR OR GB)/DS** **2 AND (P/DT AND CATALYST)**

6.7 Searching character strings (STRS)

• **Default:** searches for the specified character string in the Basic Index for all the records in the last search statement with results (max 5000 records) ▪ Search in a specific field ▪ Truncation may be included ▪ Operators may be used ▪ Combining several parameters	**STRS CILLIN** **STRS CILLIN /IT** **STRS /IT CILLIN** **STRS CILL # N** **STRS CILLIN OR CILLAN** **STRS SS 3 CILL # N /IT**

6.8 Displaying the number of results

▪ In a single database environment, the number of results in a selected database are automatically displayed. To display the number of occurences of search terms. ▪ In a cluster environment: The **total** number of results across all the databases in the cluster are displayed. **default** : detailed results for each database in the cluster are displayed, together with the total number of results	**POP AUDIT ON** **POP DET OFF** **POP DET ON**

7. MANIPULATING THE SEARCH STRATEGY

▪ Display the fields for the current database with corresponding indexes and type of indexing (single word TEXT, phrase KW, date ODAT, numeric data ONUM, serial number CODE)	**FLD**
▪ Display the fields for a previously selected database.	**FLD FROM PLUSPAT**
▪ Display the indexes for the current database	**NBR**
▪ Display an alphabetical list of terms within an index	
- Surrounding a specific term	**NBR COLOR**
- Within a specific index	**NBR /INN JONES**
▪ If a search finds zero results, type **NBR** to check nearest terms in relevant index	Term not in index /IN : XYZ **SS 1 : Results 0
▪ Display the indexes or search terms within an index for a previously selected database or from a database in a Cluster	**NBR /PAN IBM FROM PLUSPAT**
▪ Display the search strategy	
- In full	**HIS**
- For a specific search statement	**HIS 5**
- For a range of search statements	**HIS 5-8**
- Without displaying terms generated by truncation or contained in a "Super-term"(*MEM)	**HIS SH** or **HIS SHORT**
- from a previously selected database	**HIS 3-5 FROM JAPIO**
- from all previously selected databases	**HIS FROM BEGIN**
▪ Deleting a search strategy	
- the last search statement	**ER or BACKUP**
- to remove a search statements after and including the specific SS number	**ER 3**
- several search statements (with all dependent search statements)	**ER 3-6 8**
- the complete search strategy in the current database	**ER ALL** or **ERSLL**
- search statements with zero results	**ER SSZ**
- from a previously selected databases	**ER 2 FROM USAPPS**
- from all databases	**ER FROM BEGIN**
▪ Keeping search statements	
- a specific search statement (with all dependent search statements)	**KEEP 3**
- several search statements (with all dependent search statements)	**KEEP 3-7 9**
- several search statements from a previously selected database	**KEEP 2 5 9 FROM PLUSPAT**
▪ Selecting documents with images:	
- from the last statement (default)	**IM**
- from a specific search statement	**IM 5**

8. ONLINE DISPLAY

8.1 Single database and cluster environments

- **Single database environment:**
  The display defaults of the current database.
- **Cluster environment**:
  The display defaults to all databases in the order the files were listed in the cluster.
- It is possible to display search results from a previously selected database or from a specific database within a cluster by using the FROM parameter.

8.2 Accessing Images (in selected patent and trademark databases)

- **Choose "I" from the Welcome menu**
- **Add the IMG parameter when using the PRT command.**
- **Select "I" from the menu when using the BR and FO display commands**

▪ Selecting documents containing images:	
- from the last search statement (default)	**IM**
- from a specific search statement	**IM5**

8.3 Number of lines option: POP NL or OP NL command

The number of records displayed is determined by the number of lines option (POP NL default 24 lines) defined on your UserID and which service is selected from the Welcome menu.

- **Selecting Q from the Welcome menu**
  - If NL <= 100 : the default display will be the number of lines defined in the NL option. For a continuous display, specify a range of records and use the NONSTOP parameter.
  - If NL > 100 : the default display is the first record only. For a continuous display, specify a range of records.
- **Selecting I from the Welcome menu**
  - The default display is the first record only. For a continuous display, specify a range of records.

8.4 Online display commands

▪ Displaying results	
▪ System-defined display formats:	
SC or SCAN (AN,TI)	**PRT SCAN**
TR (AN,TI, indexing)	**PRT TR**
TEST (minimum)	**PRT TEST**
STDR (default)	**PRT or PRT STDR**
FULL or FU or MAX (complete record)	**PRT MAX**
(Note : SC, TR FULL available in patent and most sci-tech files)	
- **default**: first record in the last search statement in the STDR format	**PRT or SH**
- In a system-defined format	**PRT TEST**
- In a user-defined format (see FORmat)	**PRT PAT1**
- with specific fields (tailored display) combining system-defined format and specific fields	**PRT PA PN PR or PRT /PA /PN /PR**
excluding specified fields from a system defined formats	**PRT FULL PLUS XPN XPR** **PRT MAX MINUS IT**
- the first record (most recent)	**PRT**
- a specific record	**PRT 5**
- several records	**PRT 1-6 8**

- entire set of records - merged family biblio format - merged family biblio plus abstract ▪ Records in a specific search statement ▪ Including images: - Default: STDR format plus image - Including images in a system-defined format ▪ Continuous display see number of lines option (POP NL, OP NL) and the selected service from the Welcome menu ▪ In a specific page layout ▪ Print full field tag names in QWEB ▪ From a previously selected database ▪ From a specific search statement and from a ▪ specific database in a CLUSTER (place FROM and the database name at the end of the command)	**PRT SET** **PRT MINI** **PRT MASE** **PRT SS 7** **PRT IMG** **PRT MAX IMG** **PRT 1-25 NONSTOP** **PRT PSET 3** **PRT %PSET%** **PRT FROM DWPI** **PRT SS 7 MAX 1-5 8 FROM PLUSPAT**
Use BRowse to display records one by one ▪ Default: first record from the last search statement in STDR format - In a system-defined format - With specific fields - From a specific search statement - From the 5th record onwards - In a specific page layout - From a previously selected database	 **BR** **BR TEST** **BR PA PN** **BR SS 8** **BR 5** **BR PSET 3** **BR FROM EPPATENT**
▪ Use FOcus to display records one by one with the surrounding context of the search term(s) Default: first record from the last search statement with three lines around the search term(s) - Records in a specific search statement - From the 5th record onwards - With n lines (up to 10) surrounding the term(s) - In a specific page layout - From a previously selected database - combining several parameters ▪ Additional Options with FO and BR ▪ Display associated image (available in selected databases) ▪ Next record (or page in a long record) - Next record - Skip forward five records - Previous record - Skip back 3 records - The first record in the set - The last record in the set - Redisplay current record from the beginning ▪ Redisplay a record in the MAX format - Redisplay a record in a different format - Selecting a record and storing in SS 202 ▪ End FO or BR command	**FO** **FO SS 2** **FO 5** **FO NL 6** **FO PSET1** **FO FROM JAPIO** **FO 5 NL 6 SS 2 PSET1 FROM JAPIO** **I** **M** **ND** **M 5** **PD** **PD 3** **FD** **LD** **B** **R** **R STDR** **K** **N**

▪ KWIC may be used for a continuous display of records with the Key Words In Context displays 1 line before and after search term(s) Use KWIC in place of PRT or FO commands Use KWIC with free system defined formats, e.g. SCAN or TEST. Note: If the default KWIC is used (without Free format) to view bibliographic data with search terms, KWIC will incur STDR rate. - With a system-defined format - From a specific search statement - From the 5th record onwards - In a specific page layout Note: While KWIC [free format] is free, if terms are searched on a non-basic index field, such as patent number or patent assignee, and KWIC is used, a charge for displaying that field will be incurred. Using KWIC in the trademark files to display the mark field will also incur a charge.	**KWIC TEST** **KWIC TEST SS 1** **KWIC TEST 5-10** **KWIC TEST PSET 3** ***Example:*** **US/PN** **KWIC TEST**

9. SPECIAL DISPLAY OPTIONS FOR PATENT AND LEGAL INFORMATION

9.1 LEGAL Feature

Use the LEGAL option when printing records to automatically display corresponding legal records from other databases.

Legal Information - The LEGAL option can be from within any patent database. - Print selected records in a specific format. - Print the entire set in a specific format. **LEGAL Print Options:** - **LEGAL** displays from LGST - **LEGAL MAXE** displays from LGST (English only) - **LEGALUS** displays from CRXX, LITA - **LEGALEP** displays from EPPATENT - **LEGALIFI** displays from CRXX - **LEGALERT** displays from LITA - **LEGALALL** displays from LGST, CRXX, LITA - **LEGALLCL** displays from LGST, CRXX and LITA	**PRT MAX LEGAL** **PRT 1-10 STDR LEGALALL** **PRT SET AB LEGALERT** **PRT SET LEGAL** **PRT 1 LEGAL MAXE** **PRT 1-10 LEGALUS** **PRT LEGALEP** **PRT LEGALIFI** **PRT LEGALERT** **PRT LEGALALL** **PRT LEGALLCL**

9.2 CITEd Feature

*NOTE : This feature is not to be confused with the CITF, CITB and FAMCITE commands which provide for automatic searching of citation data. See page 16. The CITEd feature is a display option which extracts Cited data from databases for display with records in a database that maybe lacking in Citation data.

Displaying Corresponding Citations - Print selected records in a specific format - Print the entire set in a specific format **CITE Print Options:** - **CITEP** displays from EPPATENT - **CITPCT** displays from WOPATENT - **CITFR** displays from FRPATENT - **CITUS** displays from USPAT - **CITEPPCT** displays from EPPATENT,WOPATENT - **CITALL** displays from EPPATENT, WOPATENT, USPAT, FRPATENT	**PRT 1-5 STDR CITUS** **PRT SET TEST CITEP** **PRT CITEP** **PRT CITPCT** **PRT CITFR** **PRT CITUS** **PRT CITEPPCT** **PRT CITALL**

9.3 FULL Feature

Full-text & Full-Claims Display Feature

Add **EP**, **WO** and **US** fulltext or claims when displaying in files that do not contain those fields.

When searching biblio databases such as DWPI and PlusPat, enhance your displays with Fulltext and Claims data provided by the following fulltext files on Questel.Orbit:

- EPAPAT fulltext of European Applications from 1978 onwards
- PCTFULL fulltext of PCT applications from 1978 onwards (select fulltext coverage)
- USPAT fulltext of US patents from 1971 onwards

Full-Text Display Feature **Display feature** **Displayed data**	
FULLEPO Fulltext from EPAPAT FULLWO Fulltext from PCTFULL FULLUS Fulltext from USPAT FULLTEXT Fulltext from EPAPAT, PCTFULL and USPAT	**prt max fullepo** **prt abst 1-5 fullwo** **prt full 1 3 5-8 fullus** **prt mall set fulltext**
Full-Claims Display Feature **Display feature** **Displayed data**	
FULLEPO CLMS Claims from EPAPAT FULLWO CLMS Claims from PCTFULL FULLUS CLMS Claims from USPAT FULLCLMS Claims from EPAPAT, PCTFULL and USPAT	**prt max fullepo clms** **prt abst 1-5 fullwo clms** **prt full 1 3-5 8 fullus clms** **prt mmax set fullclms**

9.4 PLUS Feature

When displaying records in a single file, the PLUS command allows you to add field(s) and format(s) from other files to each record displayed. The PLUS command initiates automatic cross-filing of the standardized patent numbers (XPN's) to the designated file(s); retrieval of the requested field(s) and integration of these field(s) below each corresponding document in a continuous display.

Overview of PLUS PRT command followed by : ▪ One fomat name, may be system defined or user defined, but may not be field label. ▪ Enter the record range, or SET PLUS one field label or one system or user defined format In parentheses One File Name, using standard Questel Orbit database name.	**PRT <FORMAT> <N-N or SET> PLUS <FIELD/FORMAT> (FILE NAME)** **PRT STDR 1-9 PLUS EC (PLUSPAT)** **PRT BIB SET PLUS CLMS (EPAPAT)**
▪ To display multiple fields	**PRT <FORMAT> <N-N or SET> PLUS <FIELD> (FILE NAME) <FIELD> (FILE NAME)**
▪ Using PLUS with images	1. **PRT IMG<FORMAT><N-N or SET PLUS FIELD>(FILE NAME)** 2. **PRT IMG MAX SET PLUS STDR (EPAPAT)**

9.5 Family Searching

Family searching can be done in the following patent databases : PLUSPAT, INPD, DWPI, DWPX, DPIN, DPINNS, WPAM AND WPAMNS

Family searching can be done with with a publication, application or priority number.

Questel Orbit has standardized these numbers so they may be searched easily within any of the above listed databases.

Syntax :	FAM CCNNNNNNN/PN	(publication number)
	FAM YYYYCC-NNNNNNN/AP	(application number)
	FAM YYYYCC-NNNNNNN/PR	(priority number)

CC – 2 Character Country Code
YYYY – 4 Digit Year
NNNNNNN – from 7 to 11 Digit Numbers **
(If the number is less than 7 digits back-fill with zeros to build a number that is 7 digits)
**US PGPs 11 digits ; JP>2000 = 10 digits, DE, etc.

▪ Searching in PlusPat :	
- with the publication number	**FAM EP---160/PN**
- with the application number	**FAM 1997EP-0100811/AP**
- with the priority number	**FAM 1997DE-1020719/PR**

9.6 The FAMSTAT Print Command in the Inpadoc (INPD) & PlusPat Databases

Use the FAMSTAT print command after the patent family (FAM) command to automatically display patent family records from INPADOC (INPD) or PLUSPAT and their corresponding LGST (Legal Status) records.

▪ Issue the FAMSTAT command immediately after the FAM command in INPD or PlusPat to display corresponding legal records from LGST.	
There are various ways in which records can be displayed.	
- INPD/ PLUSPAT Family records integrated with LGST records	**FAMSTAT**
- INPD/PLUSPAT Family records integrated with LGST records (ENG only descriptions)	**FAMSTATE or FAMSTAT MAXE**
- all INPD/PLUSPAT patent family records displayed first, followed by all LGST records	**FAMLIST**
- all INPD/PLUSPAT patent family records displayed first, followed by LGST records. (ENG only action descriptions)	**FAMLISTE**
- The Inpadoc family, without Legal Status	**FAMINPD**

9.7 The MFAMSTAT Command in the PlusPat Database

Issue the MFAMSTAT command immediately after the patent family command in the PlusPat database. Displays merged family data, abstract with legal status in one integrated record.	
- The Pluspat Family, with LGST data	**MFAMSTAT**
- The PlusPat Family, with LGST data (English actions only)	**MFAMSTATE or MFAMSTAT MAXE**

9.8 Merged Family Display Command in the PlusPat Database

The Merged Family Print Command allows integration of all individual family member records into one virtual family display. *NOTE : Limit is 1000 records.

First use the FAM SS command on a results set to automatically retrieve all individual family members for that set.	**FAM SS 3**
Use a Merged Format in the PRT Command :	
- Family members and bibliographic data for full set of results	**PRT MINI SET**
- Family members and Class, Citation & abstract for the first 3 records	**PRT MMAX 1-3**

9.9 Creating a Database Cluster

• To create a user-defined database cluster with name PAT1 up to 40 databases per cluster up to 12 clusters per UserID	**CL PAT1 DWPI EPPATENT JAPIO**
• To obtain a list of databases which form a cluster	**CL PAT1**
• To select a cluster	**FI CL PATENTS [or] FI PATENTS (OMIT CL)**
• To delete a user-defined cluster	**CL ER PAT1**

9.10 Grouping and Deduping Results

Records from a set of cluster results can be arranged at the time of printing into patent groups. Patent groups are records from a set that are grouped together because they describe the same invention. Groups can contain duplicate or related records. Related records are those which contain and share the same priority data, but contain additional patent number information.

Grouping Results Use the ID command to group records	**ID**
Reordering Files Use the ID command followed by the database names in preferred order to reorder files in the cluster if necessary	**ID DWPI EPPATENT INPD WOPATENT**
Redisplaying Patent Grouping Statistics To redisplay the results of previous patent grouping command to see group count, number of duplicates and single records.	**ID STAT**
Displaying Records	**PRT PATGR 1-4**
- Specific records with group numbers (x-y are records)	
- All records	**PRT PATGR SET**
- Only the first record in each group	**PRT PATGR FIRST**
- All records other than duplicates	**PRT PATGR NODUP**
- Duplicate records only	**PRT PATGR DUPLI**
- Groups containing more than one record	**PRT PATGR MATCH**
- Groups containing only one record	**PRT PATGR SINGLE**
Displaying Groups	
- Specific groups (x-y are groups)	**PRT GR 1-3**
- All groups	**PRT GR SET**
- First record in each group	**PRT GR SET FIRST**
- All records except duplicates	**PRT GR SET NODUP**
- Duplicate records only	**PRT GR SET DUP**
- Groups containing more than one record	**PRT GR SET MATCH**
- Single record groups	**PRT GR SET SINGLE**

9.11 MPUB

The MPUB command gathers all stages of publication of the same patent and integrates, into one merged record, the publication stages of each invention. Available in DEPAT.

To create a merged record with the known publication, application or priority number :	
Publication Number : MPUB DENNNNNNN[N]/PN	**MPUB DE4210167/PN**
Application Number : MPUB YYYCC-NNNNNNN/AP	**MPUB 1994DE-4423677/AP**
Priority Number : MPUB YYYYCC-NNNNNNN/PR Note : XPN, XAP and XPR fields may also be searchw with MPUB as long as the Questel•Orbit standardized fomat is used.	**MPUB 1998US-0111106/PR**
To create a merged record based on a set of documents When searching with assignee or inventor names, keywords or classes, the results set (SS) may contain more than one record per invention. The MPUB command may be used with a set of results. Use the HIS command to determine the SS number. Note : There is a limit of 1000 results per SS	**MPUB SS 1**
To display MPUB records : MPS displays the SDTR format plus the CT field. MPMX displays the MAX format mimus the IDT, BC and UP fields	**PRT MPS** **PRT MPMX**

9.12 CITF & CITB

CITF runs a forward citation search on a set of records. CITB runs a backward citation search on a set of records. The commands are available in the following files : EPPATENT, FRPATENT, WOPATENT, USPAT, DEPAT & PLUSPAT.

The CITF command retrieves subsequent patents that are citing the patents in your initial set. The new result set contains both the original patents and the citing patents. The CITF command is used with a set of results. Use the HIS command to determine the SS number. Note : The maximum initial set size for the CITF command is 1000 results per SS.	**CITF SS 1**
The CITB command retrieves the previously published patents cited by the patents in your initial set. The new set contains both the original patents and the cited patents. The CITB command is used with a set of results. Use the HIS command to determine the SS number. Note : The maximum initial set size for the CITB command is 1000 results per SS.	**CITB SS 1**
When searching in Cluster mode, you may use these commands by entering the FROM parameter followed by the the name of one of the databases in the cluster.	**CITF SS 1 FROM EPPATENT**

9.13 FAMCITE

The FAMCITE command is available in the PlusPat file, which has citations for US, EP, WO and FR patents

▪ **FAMCITE creates a citation report for a patent family.**	
After conducting a family search for a single patent family, you can display a complete citation report with the FAMCITE command. The report displays in three parts : - The original source family - The citing patent families (families with a patent citing a member of the source family) - The cited patent families (families with a patent cited by a member of the source family)	**FAMCITE**
You can also display clipped images by adding the parameter IMG.	**FAMCITE IMG**

10. OFFLINE PRINTING

10.1 Internet email delivery

▪ To order email delivery: (all the options available with mailed offline prints can be used) - Default: documents resulting from the last search statement in MAX format (limited to 500 documents per order) and in ASCII format - An Internet address must be stored on your ID before using the email print option	**PR EMAIL XML** **TYPE XML PDF** **SET EMAIL**
▪ To order email sent to an alternate email address (different than the saved email address) - prompted entry of address	**PR EMAIL;SET** **JRECK@NESTLE-RSCH.CH**
▪ You can receive the documents in **RTF** (Rich Text Format), XML (Extensible Markup Language) or PDF (Portable Document Format) with accents, special characters… (files are encoded using the UUencode application)	**PR EMAIL RTF**
▪ to receive images, include the **RTF** and **IMG** parameters ▪ Documents are sent within one hour of your order	**PR EMAIL RTF IMG**

10.2 Offline Prints by Mail

Ordering an offline print	
• Default: all records to a maximum of 5000 from the last search statement in Max format mailed to the stored permanent address (AD postal address).*	**PR**
• Each offline print order is assigned a reference number.	
• In a single database environment: Default: current database.	
• In a cluster environment:	
• Default: all databases in the order specified in the cluster	
- in a system-defined (or user-defined) format	**PR STDR**
- with specific fields	**PR TI IN PA**
- from a specific search statement	**PR SS 3**
- from a range of records	**PR 1-30**
- in a specific page layout	**PR PSET3**
- from a previous selected database	**PR FROM DWPI**
- including images	**PR IMG**
- including images and with a system-defined (or user-defined format)	**PR STDR IMG**
- combining several parameters	**PR SS 3 STDR 1-30 PSET10 IMG FROM PHARM**
• Before ordering an offline print, it is necessary to set up a stored address with the AD command. After the command is entered, the system prompts you to enter the mailing address.	**AD**
Options	
▪ Alternate mailing address	**PR;AD**
- prompted entry of address	**PR;AD MR JONES!Questel.Orbit!**
- direct input of address (3-7 separated by exclamation marks !)	**18 PARKSHOT!RICHMOND!TW9 2RG**
- add a title (up to 3 lines)	**PR;TI SUBMARINE!CIVILIAN USE**
Sorting records Default: first item in the field	**PR;SORT /IN**
- specifying the position (rank) of the term with RK	**PR;SORT /PAN RK 2**
- length of sort field is specified	**PR;SORT /PN 2**
- sort in ascending order	**PR;SORT /PR +4**
- sort in descending order	**PR;SORT /AP –2**
- sort on up to 3 fields	**PR;SORT /PA /IN /XPR**
Cancelling an offline print Use order reference number (see above)	**ER PR1**

11. MANIPULATING SEARCH RESULTS

11.1 Relevancy Ranking of Search Results

Display search results in order of relevance (in descending order of occurrence of search terms). Search results are stored in search statement 203 for display purposes. The RK command works with a maximum of 5000 records.	**RK**
- Ranking results from specific search statement	**RK SS 5**
- Ranking results from a previously selected database. The FROM parameter must be used in a cluster.	**RK SS 2 FROM DWPI**

11.2 Online sorting

Sorted records are placed in SS 203 for displaying, printing offline or crossfile searching purposes (MEM). Sorted records cannot be used for further direct searching.	
▪ Sort by a specific field	**SORT /IN**
▪ Sort by a specific search statement (default: last search statement)	**SORT SS 3 /IN**
▪ Sort specific result only. Default: all records (up to 5000 approx)	**SORT 1-50 /PAN**
▪ Sort terms at a specific position in a field using parameters and position number eg PRG 1, RK 4 (default: 1st term in field)	**SORT /PAN RK 2** (full name of applicant) **SORT /PN PRG 1 RK 4** (Derwent week of Basic patent)
▪ Sort terms in a specific subfield for dates or numeric data. (default: 1st subfield)	
▪ Sorting on number of characters (default: alpha text=20 chars, dates=10 chars, numeric data=16 chars).	**SORT /PD 4** **SORT /PN 2** (country code)
Default direction of sorting : ascending (+) for text, descending (-) for dates and numeric data	**SORT /PD +10** **SORT /NP –16**
▪ Sort on up to 3 fields simultaneously (maximum total length of sort key is 100 characters).	**SORT /MARK/CL/DDP**
▪ Sort from a previously selected database The FROM parameter must be used in a Cluster	**SORT /INN FROM WOPATENT**
▪ Combining several parameters	**SORT 12-50 SS 7 /DC /PAN RK 2 /PN**

11.3 User-defined display formats

▪ **List pre-defined and user-defined formats**	**FOR**
▪ **List user-defined formats only**	**FOR US**
▪ **Create a user-defined format** PAT1 comprising specific fields (maximum of 10 fields per user format, each format name can have up to 4 characters)	**FOR PAT1 AN TI PA AB**
▪ **Display records** in user-defined format	**PRT PAT1 1-2 SS 3**
▪ **Search in fields** specified in user-defined format	**BICYCLE /PAT1**
▪ **Delete** a user-defined format	**ER FOR PAT1**
Note: User-defined formats can be saved per ID. The formats are independent of database choice	

11.4 Page layout options

• **Display** user-defined **page layout** settings. If connected to a database, the relevant system-defined layouts are displayed e.g TEST, MAX.	**PSET**
• **To create a user-defined page layout**, several options can be set :	
- number (this option **must** be set ; choose from 1-30)	**NUMB 1**
- left margin (default: 0 character)	**LMG 4**
- right margin (default: 0 character)	**RMG 8**
- indentation* (default 6 chars, max 20)	**LMC 6**

- field name, length of name and characters displayed** after the name (default: 4 "-" if FLDN is used, nothing if it is not used)	**FLDN 2 "."**
- title of field in full	**FLDT**
- fixed length followed by characters in quotes	**FLDT 18 "-"**
- variable length followed by characters in quotes	**FLDT VAR ":"**
- variable length on a separate line from field text	**FLDT PRG "-"**
- number of blank lines between documents (default 1 line); for offline prints only, a new page for each document	**DOC 2** **DOC NPG**
- number of blank lines between two fields (default 0 line)	**FLD 2**
- empty fields not displayed (default)	**FLDE ""**
- empty fields displayed as characters**	**FLDE "-$-"**
- combining several parameters (to print indented text with full field labels)	**PSET NUMB 2 FLDT 18"-"LMC20**
- full indented format	**PSET NUMB 3 LMC 20 FLDT 19 "-"**
- to display records with a user-defined page layout	**PRT PSET**

* Use the appropriate number with LMC to indent the second and successive lines of each paragraph from the left hand margin.

** Characters displayed: 0-4 characters excluding " and ;

12. CROSSFILE SEARCHING

12.1 Extracting terms and saving in memory

4 system-named memory lists are available: MEM1, MEM2, MEM3 and MEM4
Up to 150 user-named memory lists can be created.
With the MEM command, use the XPN qualifier for patent/publicaton numbers, XPR for priority numbers, XAP for application numbers and XCT for citation numbers.

▪ Maximum number of terms = 100,000 per memory list.	
▪ **Extracting terms** from a specific field and storing in the default memory list (MEM1) As a default, the MEM command extracts every term from the specified field from all records in the last search statement with results.	**MEM /XPN**
- To extract terms from a specific search statement.	**MEM SS 1 /XPN**
- To extract terms from a range of records.	**MEM 1-100 SS 2 /XPN**
- To extract terms from a previously selected database.	**MEM /XPN FROM INPD**
- To extract terms to a user-named list. Named lists can be up to 12 alphanumeric characters long (and must begin with an alpha character). Named lists are automatically saved for 7 days without charge.	**MEM MYLIST /XPR**
- Dedup the extracted terms	**MEM IPG NODUPS /XPN**
With each MEM command, terms are added to a list (existing terms are not overwritten).	

▪ **Extraction from different parts of a field:** - every term from a specific paragraph - every term from a specific sentence (of a paragraph) - every nth term (in any PRG or SEN) or sub-field (date or numerical data) - last item (PRG, SEN, RK) - combining parameters	 **MEM /PNB PRG 1** (Basic patent data) **MEM /XPR SEN 1** (first priority) **MEM /PAN RK 1** (company code) **MEM /PC "FE"** **MEM /XPN PRG*** (most recent patent) **MEM /XPN PRG 1 RK 1** (basic patent number)
▪ **Extraction and selection of terms:** - including specific characters - excluding specific characters (maximum of 4)	**MEM /XPR WITH "US "** (extract US priority numbers only) **MEM /XPN NOT "JP"** (Japanese patents are not extracted)
▪ **Extraction of portions of a term:** - to a specific length - up to a specific character - an embedded character string	 **MEM /IC LG 8** **MEM /IC BO "/"** **MEM /XPR BO 3-4** (priority country codes)
▪ **Extraction is possible from up to 4 fields simultaneously.**	**MEM /XPN WITH "US " /XPN WITH "EP"/CT WITH"US"/CT WITH "EP"**
▪ **Specifying an alternative system memory list** (default MEM1) ▪ **Specifying a named memory list** Named lists are automatically saved for 7 days	**MEM MEM3 /XPN** **MEM MYLIST /XPN**
▪ **STORE a named MEM list** Permanently save a named MEM list for future use. A stored MEM list is charged at the same rate as a stored search. See the Questel.Orbit Price List for current rates.	**MEM MYLIST STORE /XPN**
▪ **Combining several parameters**	**MEM MEM3 200-300 /XPN WITH "FR" FROM INPD**

12.2 Managing memory lists

▪ **Display MEM list** (default MEM1): - first 15 terms, then next 15, … - continuous display of all terms - continuous display of specified terms - an alternative system-named list - display terms on a named list - display listing of all MEM lists	 **PRT MEM** **PRT MEM NONSTOP** **PRT MEM 12-30 50-60 NONSTOP** **PRT MEM3** **PRT MEM MYLIST** **HIS MEM**
▪ **Delete terms from a MEM list:** - all terms - a named list - specified terms - terms including specific characters (4 maximum) - terms including specific characters (4 maximum) - all terms from an alternative memory list - combining parameters	 **ER MEM** **ER MEM MYLIST** **ER MEM 1-10** **ER MEM WITH "US"** **ER MEM NOT "FR"** **ER MEM3** **ER MEM 1-10 WITH "US"**
▪ **Keep terms in MEM list:** - specified terms - terms including specific characters (4 maximum) - terms including specific characters (4 maximum)	 **KEEP MEM 1-10** **KEEP MEM WITH "EP"** **KEEP MEM NOT "FR"**

▪ **Limiting terms kept on MEM list:**	
- to a specific length	**KEEP MEM LG 8**
- up to a specific character	**KEEP MEM BO "/"**
- with a specified character string	**KEEP MEM BO 3-4**
- combining parameters	**KEEP MEM 1-10 NOT "C07G" LG8**
▪ **Storing a Named MEM list:** MEM Lists can be permanently STOREd	
- temporary save – default	**MEM IPG /XPN**
- permanent store	**MEM IPG STORE /XPN**

12.3 Searching MEM terms (*MEM super-term)

▪ **Search terms on MEM list** (default: all terms in MEM1)	
- in Basic Index	***MEM**
- in specified field(s) or index(es)	***MEM /XPN**
- from a named listed	***MEM MYLIST/XPN**
- without display of terms	***MEM /XPN/ALL**
- with display of terms	***MEM /XPN /S**
- specific terms of range or terms (input record numbers before field qualifier)	***MEM 1-10 20-32 /XPN**
- as a super-term with other search term	***MEM 1-10 /XPN AND HOECHST/PA**

12.4 Using the SEL command

The SEL command can also be used to search the MEM terms. SEL creates a search set with the extracted and searched MEM terms. The SEL command displays all the terms with 0 or multiple postings when AUDIT is on.

▪ **Search all terms in the MEM1 list**	**SEL MEM1 /XPN**

13. ONLINE STATISTICAL ANALYSIS

13.1 Extracting terms and ranking in a memory list

4 system-named memory lists are available: MEM1, MEM2, MEM3 and MEM4
Up to 150 user-named memory lists can be created. With the MEMS command, use the XPN qualifier for patent/publication numbers, XPR for priority numbers, XAP for application numbers and XCT for patent citations.

▪ Maximum number of terms = 100,000 per memory	**MEMS /DC**
▪ Extract terms from a specific field. Terms are sorted and stored in default memory list MEM2. The MEMS command defaults to processing terms from a subset of 50 records, from the last search statement with results. Terms are ranked by descending order of frequency. Each MEMS command overwrites the previous MEMS list. Use the named list option when creating multiple MEMS lists.	
- from a specific search statement.	
- from a range of records.	**MEMS SS 3 /DS**
- from a the entire set	**MEMS 1-100 /IC**
- from a previously selected database.	**MEMS SET /IC**
- to a named list. Named lists can be up to 12 alphanumeric characters long (and must begin with an alpha character).	**MEMS 1-100 /PAN FROM EPPATENT** **MEMS OIL SET /XPR**
▪ Limit display:	
- to values with occurrences greater than n	**MEMS GT 20 /PA**
- to first n values, by frequency Named lists are automatically saved for 7 days at no charge.	**MEMS TOP 10 /PA**
- Rank terms alphabethically (A-Z) or numerically (0-9)	**MEMS ALPHA /INN**

- Rank terms by descending order of occurrence (all terms counted regardless of duplicates)	**MEMS OCC 1 /AB**
▪ **Extraction from specific parts of a field** - Every term from a specific paragraph - Every term from a specific sentence (of a paragraph) - Every term of last item (PRG, SEN, RK) - Every nth term (in any PRG or SEN) or sub-field (date or numerical data)	 **MEMS 1 /AB PRG 1** **MEMS 1-100 /PR SEN 1** **MEMS 1-150 /AF SEN*** **MEMS 1-200 /PAN RK 1** **MEMS 1-250 /PC "O**
▪ **Extraction and selection of terms** - Including specific characters - Excluding specific characters (maximum of 4)	 **MEMS /XPR WITH "-"** **MEMS /CT NOT "PUB"** (excludes non-patents)
▪ **Extraction of portions of a term** - to a specific length - up to a specific character - an embedded character string	 **MEMS /DC LG 3** **MEMS /IC BO "-"** **MEMS /XPR BO 3-4** (priority country codes)
▪ **Extraction is possible from up to 4 fields simultaneously**	**MEMS /PN RK 1 LG 2 /DS /PAN**
▪ **Specifying an alternative memory list (default MEM2**	**MEMS MEM3 /IC**
▪ **Combining several parameters**	**MEMS MEM3 200-300 /EC** **WITH "E02F" FROM PLUSPAT**

13.2 Displaying terms in a memory list

▪ **Display MEMS list** (default MEM2) - first 15 terms, then next 15, etc - continuous display of all terms - continuous display of specified terms - display an alternative memory list - display a named list	 **PRT MEMS** **PRT MEMS NONSTOP** **PRT MEMS 1-100 NONSTOP** **PRT MEM3** **PRT MEMS OIL**
▪ **Display Statistical Ranking** of Memory List	**PRT MEMS STAT**

13.3 Searching Terms from a Sorted Memory List (*MEMS Super-Term)

▪ **Search terms from a MEMS list** (default: all terms in MEM2) - in Basic Index - in specified field(s) or index(es) ▪ **Specific terms or range of terms** (input record number before field qualifier) - a named list - without display of terms - with display of terms ▪ As a Super search term with other search terms (limit of 2000 characters per search statement = approx 150 search terms) ▪ **Display of "Processing" message** Every n seconds (range 10-300) - See POP TLIM or OP TLIM command	***MEMS or *MEM2** ***MEMS /PA** ***MEMS 1-5 /INN** ***MEMS SOAP /PAN** ***MEMS 1-10 /DC/ALL** ***MEMS 1-20 /PAN/S** ***MEMS 1-3/DC AND (CH S 1983) /PN**
▪ Commands for use with truncation and Super-terms (*MEM, *MEMS, *MDARC) - To request the display of variations - To search for all variations of a truncated term without display	**HEAT+/S** ***MEM 1-15/S** **HEAT+/ALL** ***MEM /ALL**

13.4 Statistical Analysis with GET macro

▪ Statistical Analysis on Questel•Orbit can be carried out using either the MEMSORT (MEMS) command or one of the new GET macros. ▪ To analyze fields other than those listed below, use the Questel•Orbit MEMS command. ▪ **Using GET** Enter **GET** followed by the field label of the data to be analyzed. For example: **GET PA** or **GET /PA** will run a statistical analysis on the Patent Assignee.	
▪ **Assignee, Inventor** Patent Assignee Company Code Inventor	**GET PA or GET PAN** **GET CC** **GET IN or GET INN**
▪ **Countries** Publication Country Priority Country Application Country	**GET PC** **GET PRC** **GET APC**
▪ **Dates** Publication Date Priority Date Application Date	**GET PD** **GET PRD** **GET APD**
▪ **Classification** International Patent Classification (IPC) Main IPC European Classification US Classification	**GET IPC** **GET MIPC** **GET EC** **GET PCL**

14. SAVED SEARCHES AND SDIS

14.1 Temporary saved search

Automatically saved sessions (includes search strategy and MEM/MEMS lists)	**ST** continue the search in XXXX (Y/N) ? ?**Y**
▪ By default search statements are retained during a session in each file searched. Additionally, searches are automatically retained for 2 hours after logging off. When reconnecting to the system, answer "**Y**" to be reconnected to the last database searched.	**FI DWPI**
▪ When changing from one database to another, statements are automatically retained in previous file searched.	
▪ Re-execute search if required ▪ Re-execute specified statements	**FI DWPI;EX FROM IFIPAT** **FI DWPI;EX 1-2 FROM IFIPAT**
Temporary saved search (A SAVEd search) ▪ A search can be saved for 7 days free of charge. ▪ Execute a named search. ▪ Display list of all saved and stored searches. ▪ Display strategy of a saved or stored search	**SAVE DIGITAL** **EX DIGITAL** **SHO** **SHO DIGITAL**

14.2 Permanently Saved Search (a STORED search)

▪ **Enter a name** for the search : maximum of 8 characters including at least one letter; avoid special characters.	**STORE REP1**
▪ **From a previously selected database**	**STORE REP2 FROM DWPI**
▪ **List** all saved searches	**SHO**
▪ **Display complete search strategy** of one saved search	**SHO REP1**
▪ **Delete** a saved search	**PURGE REP1**
▪ **Re-run** a saved search - in full - in part (search statements are automatically re-numbered)	**EX REP1** **EX REP1 3 5-8**
▪ Commands may be stacked with ; to combine searches into one strategy	**EX REP1;EX REP2**
Note: Use of the FROM parameter is required in a cluster environment.	

14.3 Easy SDI Management

▪ To see list of profile names on an UserID, enter :	**SHOSDI**
▪ To display a profile, enter:	**SHOSDI <profile name>** **shosdi cisco**
Profile :	**CISCO** **2002/10/09** **1 - /PA CISCO**
SDI defined in following file(s) :	**DWPI (UP)**
"PRINT" sub-command	**ABST**
"TITLE" sub-command	**CISCO PATENT CHECK** **REQUESTOR : J. SMITH - TECHNICAL LIBRARY**
Subaccount	**OCT2002**
Delivery mode :	**EMAIL**
Send to :	**JSMITH-TECHLIB@MYCOMPANY.COM** **CLIENT1@MYCOMPANY.COM** **CLIENT2@MYCOMPANY.COM** **CLIENT3@MYCOMPANY.COM** **CLIENT4@MYCOMPANY.COM** **CLIENT5@MYCOMPANY.COM**
File Format :	**PDF**
Page Style :	**4 - Full Field Names, Indented Text and with Page Breaks**

14.4 SDIs or ALERTS

▪ **Creating a SDI** (the saved search runs with a predifined frequency, results are delivered in MAX format) Easy Mode – Step-by step menu prompts : - Select a database & Create a Strategy - Enter SDI and follow the menu prompts - Survey Fields are the update codes which determine the SDI delivery frequnecy and/or the data searched, Basic, Indexing Class or Citaions - You may elect to run the SDI in more than one database (up to 40) - Multiple email addresses may be added (up to 6) - Select the type of output (TXT will not support the images) - Display format (default is MAX) - Include drawings (where available) - Chose the page style (layout) : Full Field Names/Field Tags, with or without page breaks - Sort the results (up to 3 fields) - Assign a subaccount	**See also QWEB - SDI Assistant** **Top Menu Bar – Help & Services - Alerts** **FI PLUSPAT** **/PA CISCO** **SDI** **Profile Name ?** **SCAN1** **Confirm Profile Name (Yes/No) ? CISCO** **Further Parameter Options from the Menu :** **Survey field(s) ?: (eg UP UE)** **Set up SDI in another file ?: Yes/No** **Delivery Type ? enter mail/postal or email** **Email address :up to 6 addresses, each on separate line** **Delivery Format (TXT or RTF or PDF or XML) :** **Display Format :** **Print Images ?: Yes/No** **Page Styles :** **Sort results by field(s) : (eg. /PA)** **Subaccount :**

14.5 SDI sent by Internet email

▪ **To order:** - all the options available with SDIs (SDI) - You can receive the documents in RTF (Rich Text Format) XML or PDF with accents, special characters (files are encoded using the UUencode application) - to receive images, include the RTF or XML; PR IMG parameters	**SDI SCAN1 EMAIL** **SDI SCAN1 EMAIL RTF** **SDI SCAN1 EMAIL RTF;PR IMG** **SDI SCAN1 EMAIL XML;PR IMG**
▪ **To receive:** - First set up an Internet address with the SET EMAIL command. - After the command is entered, you will be prompted to enter the email address.	**SET EMAIL** **JRECK@NESTLE-RSCH.CH**

14.6 Easy SDI Modification with Menus

▪ To modify SDI with menu, enter : Profile : ▪ Change the profile name (Yes / No) ? : SDI defined in following file(s) : ▪ Add / delete file(s)/ change survey field(s) ? : Yes / No ▪ To add file(s): enter file name(s) with survey / update fields, e.g. dwpi (up) ▪ To delete file(s): enter file name with minus (no survey fields), e.g. -dwpi ▪ Enter all changes separated by spaces, in one line, e.g. dwpi (up4) -japio SDI now defined in following file(s) and survey field(s) PLUSPAT (QW) *[follow menu prompts to change any further parameters]* ▪ Change of **E-Mail address** : ▪ Change the **delivery format** ? : ▪ Change the **"print" / display** command ? : ▪ Change this SDI **Title** command ? : ▪ Change this **Page Style** ? : ▪ Change this **"SORT"** command ? : ▪ Change this **subaccount** ? :	**SET SDI <profile name>** **set sdi cisco** **CISCO** **?n** **(DWPI) UP** **?y** **pluspat (qw) -dwpi** **Yes/No** **Yes / No** **Yes / No** **Yes / No** **Yes / No** **Yes / No** **Yes / No**

14.7 Expert SDI Modification

Precision commands to modify SDI parameters Note: You may make modifications to SDI parameters in any file as SDI modifications are always billed at the parking file rates. To check current SDI parameters, enter : shosdi <profile name>	**shosdi cisco** **Profile : CISCO 2002/10/09** **1 - /PA CISCO** **SDI defined in following file(s) : DWPI (UP)** **"PRINT" sub-command: ABST** **"TITLE" sub-command: CISCO PATENT CHECK** **REQUESTOR : J. SMITH - TECHNICAL LIBRARY** **Subaccount: OCT2002** **Delivery mode : EMAIL** **Send to : JSMITH-TECHLIB@MYCOMPANY.COM** **CLIENT1@MYCOMPANY.COM** **CLIENT2@MYCOMPANY.COM** **CLIENT3@MYCOMPANY.COM** **CLIENT4@MYCOMPANY.COM** **CLIENT5@MYCOMPANY.COM** **File Format : PDF** **Page Style :**

Enter a command for each SDI parameter to be modified - one parameter at a time. To obtain confirmation of the parameter modifcation, enter : SHOSDI <SDIname>	
▪ To change only the SDI profile name: enter : set sdi <current name> = < new name>	**set sdi cisco = ciscoplus**
For each parameter use: set sdi <profile name> <**semi colon**> <parameter>	
▪ To change only the *files or updates to be surveyed* : to add file(s): enter file name(s) with survey / update fields, e.g. dwpi (up) ▪ To delete file(s): enter file name with minus (no survey fields), e.g. -dwpi ▪ Enter all changes separated by spaces, in one line, e.g. dwpi (up4) -japio	**set sdi ciscoplus; survey pluspat (qw) -dwpi**
▪ To change only the print/display command, enter: set sdi <profilename> ; pr <format > <img> <legal/fullclms>	**set sdi ciscoplus ; pr mini img legal**
▪ To change only the SDI title, enter: set sdi <profilename> ; ti <new SDI title >	**set sdi ciscoplus ; ti cisco watch in pluspat**
▪ To change only the Subaccount: enter : set sdi <profile name> ; subacct < new subacccount>	**set sdi ciscoplus ; subacct nov2002**
▪ To change only email address: enter : set sdi <profile name> ; email < new address> ! <email address !	**set sdi ciscoplus ; email jones@new.com ! nuclient@new.com ! nuclient1@new.com ! nuclient2@new.com ! nuclient3@new.com**
▪ To change only the File format: enter : set sdi <profile name> email <new file format > [no semi colon]	**set sdi ciscoplus email xml**

14.8 Selecting the SDI Look

▪ **You may control the look of SDIs by :** - **Display** formats - **Delivery** formats - **Page Style** formats ▪ **Display Formats:** - System defined formats: - User defined formats - Custom formats - Display Add-on Options	**STDR BIB ABST MAX FULL MINI MABS FOR MYSDI PN PA AB IMG TI PA PN AB IMG LEGAL FULLCLMS FULLTEXT CITALL**
▪ **Using Plus Features in SDIs** ▪ **Portability of patent fields in a SDI environment** Enrich your SDI displays by adding field(s) or format(s) from other patent files. ▪ To use PLUS in SDIs**,** at the display / print option, enter:	**< FORMAT > PLUS < FLD / FORMAT > (file name)**

Delivery Formats

- **PDF - Portable Document Format**
  - easy to display and print w/ Adobe Acrobat
  - text and images
- **RTF - Rich Text Format**
  - easy to open and edit with MS Word
  - text and images
- **TXT - Text Format**
  - easy to open and edit with basic WP program
  - text only
- **XML - Extensible Markup Language**
  - flexible style sheet presentation
  - text and images

PAGE STYLES **Pg. Style 1 Full Field Names w/o page breaks** **Pg. Style 2 Full Field Names with page breaks**	**1/1 PLUSPAT - (C) QUESTEL-ORBIT** **Patent Number:** **- US6329919 B1 20011211 [US6329919]** **Title:** **- (B1) System and method for providing reservations for restroom use** **Patent Assignee:** **- (B1) IBM (US)** **Inventor(s):** **- (B1) MOSKOWITZ PAUL ANDREW (US); YU PHILLIP SHI-** **Application Nbr: US63925400 20000814 [2000US-0639254]** **Priority Details: S63925400 20000814 [2000US-0639254]** **Publication Stage: (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001** **Abstract: The present invention is an apparatus, system, and method for providing reservations for restroom use. In one embodiment…**
Pg. Style 3 - Field tags w/o page breaks **Pg. Style 4 - Field tags with page breaks**	**1/1 PLUSPAT - (C) QUESTEL-ORBIT** **PN - US6329919 B1 20011211 [US6329919]** **TI - System and method for providing reservations for restroom use** **PA - (B1) IBM (US)** **IN - (B1) MOSKOWITZ PAUL ANDREW (US); YU PHILLIP SHI-** **AP - US63925400 20000814 [2000US-0639254]** **PR - US63925400 20000814 [2000US-0639254]** **STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001** **AB - The present invention is an apparatus, system, and method for providing reservations for restroom use. In one embodiment, ...**
Pg. Style 5 - Report format (Pluspat & Appalert)	**System and Method for Providing Reservations for Restroom Use** **US 6329919** **Patent Assigee** **Publication Details:** **IBM** **US6329919 B1 20011211** **Inventor s:** **Priority Details:** **Moskowitz Paul** **US63925400 20000814**

15. USER OPTIONS

15.1 Postal address

Use with PR, SDI, OR, DOR ▪ **List current address** details and be prompt to enter a new or modified address. ▪ **Unprompted entry of address** (3-7 lines); separate lines of address with "!" and end each long input line with "-" for continuation on new line.	**AD** **AD MR JONES!QUESTEL•ORBIT!-** **18 PARKSHOT!RICHMOND! –** **TW9 2RG!UK**

15.2 Internet email address

▪ Create or modify your internet email address	**SET EMAIL** **JRECK@NESTLE-RSCH.CH**

15. 3 Ordering Documents

PDS Patent Delivery System (OR) Display the PN (**PRT XPN** or **LI XPN**) or copy the PN between the patent reference's square brackets. It should look like this: **CCNNNNNNN** (two digit country code + publication number's seven characters)	
You may order up to ten (10) PNs.	**ORDER EXPO XPN WO200012362,EP-12345**
You will receive by email your order receipt, a compressed file (.zip) and the copies in PDF format.	
To send to a different email address: You will then be asked to type an electronic address. Alternate addresses can not be stored.	**OR EPO XPN WO200012362, EP--12345; SET EMAIL**
▪ **IN QWEB :** Simply click on ORDER PATENTS	

15.4 Permanent user options

Display permanent user options	**POP**
▪ **Modify** permanent user options:	**POP TERM STDR**
- Accented characters	
- without display of accented characters (default)	**POP TERM 8**
- with display of accented characters	**POP NL 500**
- number of lines displayed on screen before prompted to continue (minimum 10, default 24, see the paragraph "online display-number of lines options")	**POP NL 18**
- number of characters per line (64-132, default 80)	**POP NC 85**
- system language	
- French (default)	**POP LA 1**
- English	**POP LA 2**
- Truncation of search terms	**POP TRUN SEL**
- with display of terms generated (default)	**POP TRUN AUTO**
- without display of terms and with dialogue asking "more" or "end" every 1000 terms-	**POP TRUN NONSTOP**
- with display of terms or dialog	**POP AUDIT ON**

▪ **Display** the number of records for each term in your search statement where a statement contains more than one term	
- system prompts	**POP MES LONG**
- in full (default)	**POP MES SHORT**
- abbreviated	**POP SSZ SV**
- search statements with zero results	**POP SSZ ER**
- in current session	
▪ kept in strategy (default)	
▪ erased from strategy	
this option is available only in single database environment	
- online estimated search costs	
▪ turn display off	**POP COST OFF**
▪ turn display on (default)	**POP COST ON**
- search terms highlighted in displayed results (with Imagination software) :	
▪ with asterisks	**POP HLIG ON TERM 8**
▪ with inverse video	**POP HLIG ON TERM 9**
▪ highlihting off (default)	**POP HLIG OFF**
- display of message "Processing" every n seconds (min 10, max 300) while system processes important lists of terms	**POP TLIM 200**
- display of results in a cluster environment	
▪ detailed database by database (default)	**POP DET ON**
▪ overall	**POP DET OFF**
- Image format	
- GIF format (default)	**POP IMG GIF**
- TIFF format	**POP IMG TIFF**
- reduction of images from 1% to 99 % (default: 0)	**POP IMG TIFF R25**
- combining several options	**POP NL 50 NC 80 TRUN AUTO**
- Change Merged Family Display to EP (preference of EP data for TI, PA & AB	**POP MFAM EP**

15.5 Temporary user options

▪ **Display** temporary user options	**OP**
▪ **Modify** options for current session only	**OP HLIG ON TERM 2**

15.6 Use of the FROM parameter

▪ The **FROM** parameter is **essential** in a Cluster environment with these commands:	**JOIN, MEMS, RK, SO, SAVE, STORE, SDI, OR (for ordering documents), UP**
▪ The **FROM** parameter is **optional** in a Cluster environment with these commands:	**BR, FLD, FO, FOR, HIS, PRT, MEM**

16. OTHER SYSTEM FEATURES

▪ **Display information** on Questel.Orbit services with multi-level menus	**INFO**

17. SYNONYMS

Commands cited in the mini-guide	Synonyms
FI	**FILE**
NBR	**IND**
HIS	**HI**
PRT	**LI**
PR	**PRTOFF**
SORT	**SO**
SAVE name	**SV name**
STORE name	**SV SE name**
SHO	**HI SE**
SHO name	**HI SE name**
PURGE name	**ER SE name**
SDI name	**SV PF name**
SHOSDI	**HI PF**
SHOSDI name	**HI PF name**
PURGESDI name	**ER PF name**

*All the commands may be used with or without the dot dot '..' which is optional.

18. TO END A QUESTEL ORBIT SESSION AND SWITCH TO MMS (TELNET CONNECTION ONLY)

18.1 Ending QO Session

▪ with a temporary saved search	**ST MDARC**
▪ without a saved search	**ST EN MDARC**
▪ **To end a Questel.Orbit session (PHARM database) and switch to MMS on MPHARM database** (and only this database) with a saved search until the end of the day	**STRUC**

18.2 Linking Questel.Orbit and MMS : the JOIN, and *MDARC commands

The JOIN command is used for transferring chemical compound numbers from selected bibliographic records in the DWPI and PHARM databases to the chemical structure files. The *MDARC Super-terms transfer numbers in the reverse direction. Graphical terminal emulation software is essential for displaying structures in the MARKUSH DARC systems

▪ **Default**: all compound numbers in the last search statement containing results (maximum of 5,000 compound number, this maximum has been risen up to 50,000 especially for the MPHARM database). Specify the target strucure database WPAM or MPHARM on MARKUSH DARC and create a name for the saved list of numbers.	**JOIN**
- restrict to specific compounds (PIM / MARKUSH DARC)	**JOIN TO WPAM VIA LIST3 SPE**
- restrict to generic compounds (PIM / MARKUSH DARC)	**JOIN TO WPAM VIA LIST4 GEN**
- one of several roles (MPHARM/MARKUSH DARC)	**JOIN TO MPHARM VIA LIST5- ROLE N,T**
▪ **Chemical compounds** are retrieved in graphical form by a structure search with the Generic commpound numbers can be saved and transferred to Questel.Orbit for retrieval of corresponding bibliographic records. Search for:	
- compound numbers in CAS file	***MDARC NAME1**
- compound numbers in DWPI file	***MDARC name2.C.R**
- compound numbers in PHARM file	***MDARC name3.DR/CN**

19. RESERVED TERMS

Questel.Orbit commands are reserved terms, i.e. they are reserved for search syntax. Some examples are : IMAGE, ID, PRINT and FILE. There are three ways around reserved status : 1. Truncation 2. Word Order - place reserved term second 3 . Quotes - to retrieve exact Reserved Term as search term, enclose in double quotes " ".	 **IMAGE ? OR WATERMARK** **WATERMARK OR IMAGE** **"IMAGE" OR WATERMARK**
System or Proximity operators are also reserved terms: - to search for : sulfur transfer agent **L-S-D** - to search for : **S F D** Labs	**W, D, F, S, P, and L** **"L" W "S" W "D"** **/PA "S" W "F" W "D" LABS**

20. STOPWORDS

There are stopwords in a small number of files on Questel.Orbit. The files are: DWPI, IFIPAT, PHARM and CAS The Stopwords are all associated with Chemical Symbols and relate to the case of the first letter of the word in the record. The following are treated as Stopwords - *only if they begin with a lower case letter* To search **in vitro,** for all stopword-free files, use double quotes around word "in" - For DWPI , IFIPAT, PHARM and CAS, drop the word "in" from search request.	 **a, at, a, be, he, in, and no** **"IN" W VITRO** **VITRO W FERTILI+**

21. SYSTEM LIMITS

Number of **search statements** per database: **200**

Number of **characters** per search statement: **2,030**

Number of **results / answers** per search set: **variable:** This depends on the dynamic allocation of system resources.

Number of **terms** per **memory** list (**crossfile searching & statistical analysis**): **100,000**

Number of **terms** per answer set using truncation: **30,000**

Number of **types** of **truncation** within a search term: **3**

Number of **terms**, **portions** or **identical truncation** symbols: **7**

Number of default Memory Lists **(MEM1, MEM2, MEM3, MEM4): 4**
MEM1 is a default crossfile searching list
MEM2 default statistical analysis list
150 user-named lists (syntax: MEM <name> /<field)

Patent Grouping & ID command may be used on a maximum of **5000** documents.

Sorting : the SORT command may be used on a maximum of **5000** documents.

Ranking: The **RK** command maybe used on a maximum of **5000** documents.

Family Searches on a Search Set: the FAM SS command may be used on maximum of **1000** records.

Number of **words** that may be used with **proximity connectors w** and **d**: **9**
e.g.: transgenic **9d** animal? [transgenic **10d** animal? will not process correctly]

Offline Prints: Maximum number of documents: **5000 by postal mail, 500 by email**

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