Chemical Abstracts Service
provides access to
STN in North America

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STNews

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Guide to IPC Reform implementation in STN databases

STN provides enhanced access to IPC Reform data

On January 1, 2006, the World Intellectual Property Organization's (WIPO) International Patent Classification (IPC) Reform went into effect for patent-issuing authorities using IPC codes or "symbols." IPC Reform codes, commonly referred to as IPC 8 codes or post-Reform codes, are intended to enhance search and retrieval efforts and efficiency through this new standard classification index.

New patent records issued after this date are expected to have new IPC codes, which will be included in STN patent databases. In tandem with the reform efforts, the European Patent Office (EPO) has reclassified over 50 million existing patents to conform to the IPC Reform.

Important changes are being implemented in the STN product line, including STN AnaVist, to accommodate the IPC Reform. The changes benefit you by ensuring continued access to and enhanced searching of IPC data in STN products.

STN enhancements accommodate IPC Reform

STN is actively implementing IPC 8 data into its patent databases. The STN implementation provides access to new additional information provided with IPC 8, enables file crossovers, and provides multifile searching capabilities.

All IPC code-containing patent databases on STN and in STN AnaVist are able to accommodate patent documents with new IPC 8 codes. Because the use of IPC 8 codes by patent-issuing organizations began during the week of January 1, 2006, this information is now available in STN databases.

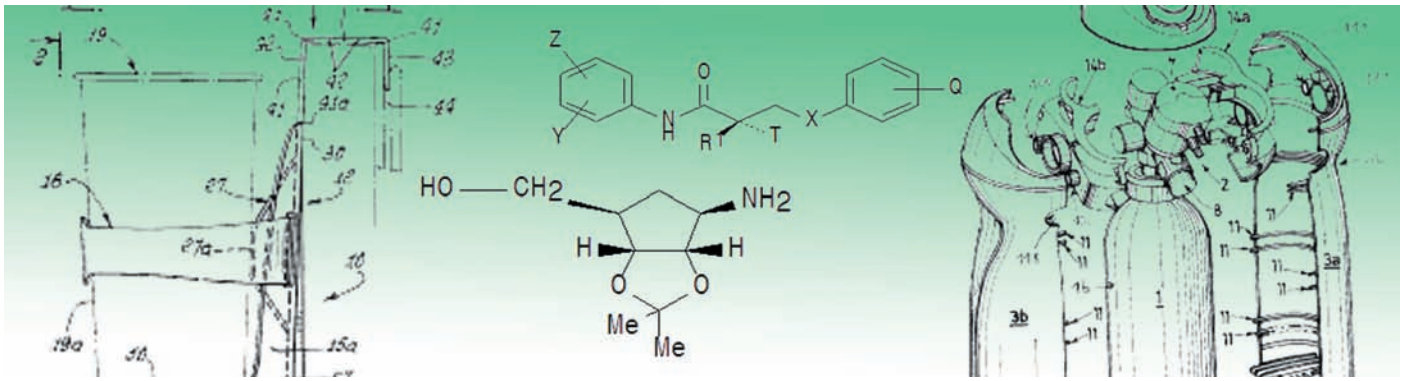
The table outlines the many STN databases that contain IPC 8 data as well as the IPC thesaurus.

In addition, the content of the /IPC field has been redefined to include all IPC codes. /IPC now includes all IPC codes, i.e., initial and reclassification codes. The new IPC field should be considered as the Basic Index for IPC code information.

IPC Reform codes, commonly referred to as IPC 8 codes or post-Reform codes, are intended to enhance search and retrieval efforts and efficiency through this new standard classification index.

Similar changes are implemented in many other STN databases as database producers of other IPC code-containing patent databases provide post-IPC Reform data.

For database-specific information regarding IPC 8 implementation, enter HELP IPC or HELP CHANGE at an arrow prompt (=>) in the database.



IPC Reform and STN checklist (as of April 3, 2006)*

Database	2006 patent data	IPC code search format	IPC thesaurus
CA[SM]/CAPLUS[SM]	Included	IPC 7 or 8	Available
DPCI	Included	IPC 7 only	
ENCOMPPAT/ENCOMPPAT2	Included**	IPC 7 or 8	
EPFULL	Included	IPC 7 or 8	Available
FRANCEPAT	Included	IPC 7 or 8	Available
FRFULL		IPC 7 only	
GBFULL		IPC 7 only	
IFIPAT/IFIUDB/IFICDB	Included	IPC 7 or 8	
INPADOC	Included	IPC 7 or 8	Available
JAPIO		IPC 7 only	
KOREAPAT		IPC 7 only	
PAPERCHEM2	No longer adding patents	IPC 7 or 8	
PATDD		IPC 7 only	
PATDPA	Included***	IPC 7 only	
PATDPAFULL	Included	IPC 7 or 8	Available
PATDPASPC	Included	IPC 7 or 8	Available
PCTFULL	Included****	IPC 7 only	
RUSSIAPAT	Included	IPC 7 or 8	Available
TULSA/TULSA2	Included**	IPC 7 or 8	
USPATFULL/USPAT2	Included	IPC 7 or 8	Available
WPINDEX/WPIDS/WPIX	Included	IPC 7 only	
WPIFV	Included	IPC 7 only	

* For the most current information, visit www.cas.org/EO/ipcdbcode.html.
** 2006 patent records show IPC codes in IPC 7 format.
*** Loaded IPC 8 data without attributes.
**** Updated without IPC 8 data.

Key benefits

- IPC code-containing patent databases on STN are being enhanced to ensure that patents published with IPC 8 codes are accommodated.
- STN patent databases are able to accept IPC codes in either pre- or post-Reform format for searching (see the IPC Reform and STN checklist). There is no need to reformat the IPC codes in your strategies.
- Cross-field searching capabilities have been retained. It is possible to search a pre-Reform IPC code, without reformatting, in the revised /IPC field. It is also possible to search an IPC 7 code in an IPC 8 format, without reformatting, in the /ICM field, which appears only in pre-Reform records.
- You can DISPLAY or SELECT pre-Reform IPC codes in the new IPC 8 format by using the new SET command, SET ICFORMAT ON.
- A new version of the IPC thesaurus is available for use in many IPC code-containing databases on STN (see the IPC Reform and STN checklist), enhancing your searching opportunities in these databases.
- Patent family members in the CA/CAplus family of databases have been enhanced with the addition of available IPC code information for many patent family members, including the backfile, providing additional retrieval opportunities for patent documents included in CA/CAplus.

New SET command

The introduction of a new SET command, SET ICFORMAT ON, allows you to SELECT and DISPLAY pre-Reform IPC codes in the post-Reform IPC format.

Implementation of IPC reclassification data

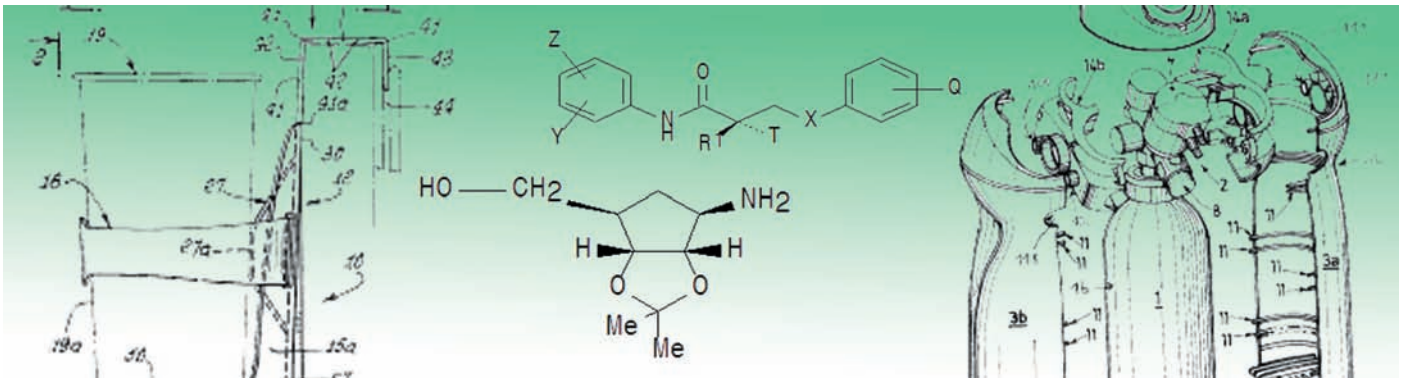
A number of IPC code-containing patent databases on STN are being enhanced with updated IPC information in existing patent documents based on a major IPC reclassification project. You will find this data in the IPC Reclassification (IPCR) field. A file with over 50 million reclassifications was delivered in late December 2005 and is currently being processed to extract relevant data for individual STN databases. The implementation of reclassification data in USPATFULL/USPAT2, INPADOC, and RUSSIAPAT on STN is complete. Significant progress has been made in the implementation of reclassification data into CA/CAplus. See the CAS IPC Reform web page for the latest information: www.cas.org/EO/ipcreform.html

For database-specific information and progress status regarding reclassification data implementation, enter HELP RECLASS at an arrow prompt in each database.

New IPC fields

New search fields have been added to accommodate the IPC Reform. A description follows of the fields implemented for the CA/CAplus family of databases, which serves as the model for other databases.

New search field	Code	Description
IPC Keywords	IPC.KW	IPC code metadata "descriptor keywords."
IPC Action Date	IPC.ACD	Indicates when the IPC code was applied to the patent or updated.
IPC Version Date	IPC.VER	Provides a date associated with the last version change to the IPC code in the manual of classification. The date can be searched in YYYYMM or YYYYMMDD format and displayed in YYYYMM format.
Old IPC codes	IPC.OLD	The former /IPC super search field has been renamed IPC.OLD and includes the IPC codes indexed in the former /IC, /ICI, and /ICA fields for basic patents only. This field is valid only in CA, CAplus, USPATFULL, and USPAT2.
Initial IPC codes	IPCI	IPC codes associated with the patent when it was first published.
Reclassification IPC codes	IPCR	IPC codes associated with a patent that has been reclassified with IPC 8 codes.
IPC Basic	IPC.B	IPC codes for the basic patent. This field is valid only in CA/CAplus.



IPC 8 thesaurus

A new version of the IPC thesaurus is available for use in many IPC code-containing databases on STN. It has already been implemented in the CA/CAplus family of databases, EPFULL, FRANCEPAT, INPADOC, PATDPASPC, RUSSIAPAT, and USPATFULL/USPAT2.

The implementation of the IPC thesaurus in STN databases that did not previously contain this information will enhance your searching opportunities in these databases. It is expected that IPC codes will be revised more often in the future, and reclassifications done more frequently. Therefore, you will need to periodically check the revised manual of classifications offered by WIPO to ensure that the IPC codes you are using are still valid. Alternatively, you can use the IPC 8 thesaurus available within STN databases to verify code validity.

The revised manual of classifications, which is the source material for the IPC 8 thesaurus, is available at:
www.wipo.int/classifications/ipc/ipc8/

For information about using the IPC thesaurus, enter HELP THES and HELP

Impacts on searching STN databases

Following are items to consider when searching IPC data.

Up-posting of IPC 8 codes makes truncation unnecessary

Are you using truncation when searching IPC 8 codes? It is really not necessary due to up-posted IPC codes. Search any IPC code at the main group level, e.g., S A61K0005/IPC, and retrieve records with any corresponding subgroup. Although you will get the exact same results by searching A61K0005?/IPC, the latter search takes longer (with higher connect-hour charges), and with certain IPC codes, there is the risk of exceeding truncation limits.

Another reason not to use truncation while searching IPC codes is a new system feature that allows you to search IPC codes in either IPC 7 or 8 formats. This feature interprets codes entered in IPC 7 format with truncation as codes already in IPC 8 format. If you enter S A61K005?/IPC, the system will search IPC codes A61K0051, A61K0052, etc., and not A61K0005 and its various subgroups.

Saved search strategies and current-awareness alerts (SDIs)

If you have included IPC codes in your saved search strategies or in current-awareness alerts in STN databases, you will need to review your strategies and make edits, as necessary.

In the post-Reform era, continued use of /IC, /ICA, /ICI, /ICM, or /ICS restricts retrieval to those patent documents published with pre-Reform IPC codes. The use of the /IPC search field is recommended instead.

Any IPC codes included in your search strategies should be verified against the revised manual of classifications available from WIPO or in the online thesaurus to ensure their continued validity.

Additional resources

Reference the Patent Interchange article, Searching and displaying IPC Reform data, in this issue of STNews.

In addition, see the Patent Interchange article, Verifying IPC codes with the IPC thesaurus in CA/CAplus and USPATFULL/USPAT2, in the January/February 2006 issue of STNews.

More information on the IPC Reform is available at:
www.cas.org/EO/ipcreform.html

www.stn-international.de/stndatabases/details/ipc_reform.html

STN Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/dbsslist.html

CA/CAplus

–IPC range searching now more flexible

IPC code range searching is now more flexible in the CA/CAplus family of databases. You can use a hyphen with spaces as a separator in IPC range searching. You can now also use a colon between the codes in your search; the presence or absence of spaces is accommodated.

The following searches retrieve the same number of results:

```
=> S C08G0018-00-C08G0018-38/IPC

=> S C08G0018-00 - C08G0018-38/IPC

=> S C08G0018-00-  C08G0018-38/IPC

=> S C08G0018-00  -C08G0018-38/IPC

=> S C08G0018-00:C08G0018-38/IPC

=> S C08G0018-00 : C08G0018-38/IPC

=> S C08G0018-00:  C08G0018-38/IPC

=> S C08G0018-00  :C08G0018-38/IPC
```

This flexibility is intended for implementation in STN patent databases already containing the IPC thesaurus. It will be implemented in other databases newly enhanced with IPC 8 data at the time the IPC thesaurus is installed.

The CA/CAplus Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/cass.html
www.cas.org/ONLINE/DBSS/caplusss.html

EMBASE

The Excerpta Medica database

–database now updated daily

EMBASE is now updated on a daily, rather than a weekly, basis. Current-awareness alert (SDI) frequencies in EMBASE remain the same—weekly (default) and biweekly.

The revised EMBASE Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/embasess.html

EPFULL

European Patent Fulltext

–database updated; IPC 8 enhancements added

Updates for EPFULL have resumed and are now being implemented on a weekly basis.

EPFULL now contains IPC 8 codes, used according to the rules of the IPC Reform (IPC 8), for 2006 EPO publications.

The IPC thesaurus also has been implemented for the first time in EPFULL. The thesaurus is available in the /IPC search and expand field, allowing you to view the definitions of IPC codes in their respective hierarchies. It also enables searching across a range of IPC codes.

A concise description of the functionality is provided when you enter HELP THES at an arrow prompt (=>) in one of the databases containing the IPC 1-8 thesaurus. The hierarchy or relationship codes are available with HELP RCO.

For details of the IPC-related enhancements, including the addition of the IPC thesaurus, see HELP CHANGE in EPFULL.

Search tips for using the IPC thesaurus can be found starting on page 48 at:
www.stn-international.de/ipcreform_stn.html

For more information on the IPC Reform, visit:
www.cas.org/EO/ipcreform.html
www.stn-international.de/stndatabases/details/ipc_reform.html

The EPFULL Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/epfullss.html

FRANCEPAT

–database updated; IPC thesaurus added

Updates for FRANCEPAT have resumed and are now being implemented on a weekly basis.

FRANCEPAT now contains IPC 8 codes, used according to the rules of the IPC Reform (IPC 8), for 2006 EPO publications.

The IPC thesaurus covering IPC 1-8 is now available in FRANCEPAT. The thesaurus is available in the /IPC search and expand field, allowing you to view the definitions of IPC codes in their respective hierarchies. It also enables searching across a range of IPC codes.

A concise description of the functionality is provided when you enter HELP THES at an arrow prompt (=>) in one of the databases containing the IPC 1-8 thesaurus. The hierarchy or relationship codes are provided in HELP RCO.

Search tips for using the IPC thesaurus can be found starting on page 48 at:
www.stn-international.de/ipcreform_stn.html

For more information on the IPC Reform, visit:
www.cas.org/EO/ipcreform.html
www.stn-international.de/stndatabases/details/ipc_reform.html

The FRANCEPAT Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/francepatss.html

INPADOC

INternational PAtent DOcument Center

–IPC thesaurus added; status of current WO information

The IPC thesaurus covering IPC 1-8 is now available in INPADOC. The thesaurus is available in the /IPC search and expand field, allowing you to view the definitions of IPC codes in their respective hierarchy. It also enables searching across a range of IPC codes.

A concise description of the functionality is provided when you enter HELP THES at an arrow prompt (=>) in one of the databases containing the IPC 1-8 thesaurus. The hierarchy or relationship codes are provided in HELP RCO.

Search tips for using the IPC thesaurus can be found starting on page 48 at:
www.stn-international.de/ipcreform_stn.html

For more information on the IPC Reform, visit:
www.cas.org/EO/ipcreform.html
www.stn-international.de/stndatabases/details/ipc_reform.html

Beginning in January 2006, the World Intellectual Property Organization (WIPO) started to deliver its data in a new format.

Because of difficulties with the new format delivery, WO bibliographic data published in 2006 are not yet covered in INPADOC; they are expected to become available soon.

The revised INPADOC Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/inpadocss.html

INSPEC®

Information Service for Physics, Electronics, and Computing

–reloaded and enhanced

INSPEC, produced by the Institution of Engineering and Technology (IET), has been reloaded and enhanced with more granular search fields for the abstract and controlled terms.

The enhancements include:

- Stop words are no longer used.
- New search and display fields:
  - Abstract (/AB) – now separately searchable and displayable
  - Availability (/AV) – original documents, mainly for reports, dissertations, and conference proceedings
  - Controlled Word (/CW) – additional to the bound phrase index Controlled Term (/CT)
  - Specific source information search fields were added to the Source (/SO) field:

International Standard (Document) Number	(/ISN)
Meeting Date	(/MD)
Meeting Location	(/ML)
Meeting Title	(/MT)
Publisher	(/PB)
Uniform Resource Locator	(/URL)

  - Reference Count (/REC)
  - Word Count, Title (/WC.T)
- Patent and priority numbers are now searchable in the /PNO and /PRNO fields, but in the original format only. In addition, Patent Assignee (/PA), Application Year (/AY), Application Date (/AD), Priority Year (/PRY), and Priority Date (/PRD) search fields have been added. Note that INSPEC's patent coverage is limited to U.K. (GB) and U.S. publications from 1968-1976.
- Simultaneous left and right truncation (SLART) is now available in the abstract (/AB) and title (/TI) fields, in addition to the Basic Index (/BI).

Current-awareness alerts (SDIs) and saved answer sets are not affected by these enhancements.

The revised INSPEC Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/inspecss.html

MARPAT®

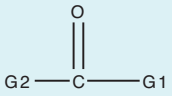
–improved structure highlighting in FQHIT and QHIT display formats

Structure highlighting in the FQHIT and QHIT display formats in MARPAT has been improved. The FQHIT display format shows the first query-focused Markush structure containing the query structure and the fields containing hit text terms in the record. The QHIT display format provides fields containing hit text terms and the query-focused Markush structures containing the query structure.

Displays have been algorithmically enhanced to provide accurate highlighting and offer a review of results more quickly and effortlessly.

In the following example from a current display of CA 127:55912, the QHIT format does not show where G6 fits in the structure:

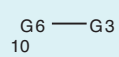
```
L3 ANSWER 1 OF 1 MARPAT COPYRIGHT 2005 ACS on STN
MSTR 1
```




```
G1      = OH
G6      = Cb<EC (6-7) C, AN (1) C, AR (0), BD (ALL) SE,
          RC (1), RS (1) M6 (1) X7>
```

The highlighting improvements clarify the display by adding more detail with G2:

```
MSTR 1
```




```
G1      = OH
G2      = 10

G6      = Cb<EC (6-7) C, AN (1) C, AR (0), BD (ALL) SE,
          RC (1), RS (1) M6 (1) X7>
```

The MARPAT Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/marpatss.html

MEDLINE®/LMEDLINE

–reload improves functionality

MEDLINE/LMEDLINE on STN have been reloaded (February 26, 2006). The reload included several enhancements:

- The Source (/SO) field now contains the International Standard Serial Number (ISSN) for print and the Electronic ISSN (E-ISSN) for electronic journals when available. Both print and electronic ISSNs are searchable and displayable in MEDLINE.
- Stop words are now indexed, so your search may now include the following words: AN, AND, AS, AT, BY, FOR, FROM, IN, NOT, OF, ON, OR, THE, TO, and WITH.
- A new search and display field, COMMENT (/CM), is now available and displays after the SO field in the ALL format. The CM field does not display in the BIB format. The terms from SEL CM with Document Number (/DN) appended allow you to find referenced PubMed IDs in MEDLINE.
- OLDMEDLINE records now include at least one MeSH heading in the Controlled Term (/CT) field.
- Simultaneous left and right truncation (SLART) is now available in the Title (/TI) field, the same as in the Abstract (/AB) and Basic Index (/BI) fields.
- Publication Date (/PD) is a new numeric field in the YYYYMMDD format that is searchable and selectable.
- Publication dates are searchable in the /SO field, but not in the numeric YYYYMMDD format.

The annual update on December 11, 2005, to Medical Subject Headings (MeSH), the National Library of Medicine's (NLM) controlled vocabulary used for subject indexing and retrieval, included:

- Over 990 new MeSH Headings
- More than 185 updated MeSH Headings to reflect more current terminology

For example, Fetal Anoxia is now indexed under Fetal Hypoxia.

```
=> S FETAL HYPOXIA/CT

L1          2192 FETAL HYPOXIA/CT  (4 TERMS)
                 ('FETAL HYPOXIA'+XUSE/CT)

=> S FETAL ANOXIA/CT

L2          2192 FETAL ANOXIA/CT  (4 TERMS)
                 ('FETAL HYPOXIA'+XUSE/CT)
```

You may want to update your current-awareness alerts (SDIs) and saved queries to reflect the MeSH terminology changes. However, regardless of the term you enter, STN recognizes the relationship between the old vocabulary and the new terms and will link them automatically.

For more information about changes in the 2006 MeSH, visit:
www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html

The revised MEDLINE/LMEDLINE Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/medliness.html
www.cas.org/ONLINE/DBSS/lmedliness.html

PATDPASPC

German Supplementary Protection Certificates for Drugs and Protecting Agents

–IPC 8 data and IPC thesaurus added

PATDPASPC now contains IPC 8 codes, used according to the rules of the IPC Reform (IPC 8), for 2006 EPO publications.

The IPC thesaurus covering IPC 1-8 is now available in PATDPASPC. The thesaurus is available in the /IPC search and expand field, allowing you to view the definitions of IPC codes in their respective hierarchies. It also enables searching across a range of IPC codes.

A concise description of the functionality is provided when you enter HELP THES at an arrow prompt (=>) in one of the databases containing the IPC 1-8 thesaurus. The hierarchy or relationship codes are provided in HELP RCO.

Search tips for using the IPC thesaurus can be found starting on page 48 at:
www.stn-international.de/ipcreform_stn.html

For more information on the IPC Reform, visit:
www.cas.org/EO/ipcreform.html
www.stn-international.de/stndatabases/details/ipc_reform.html

The revised PATDPASPC Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/patdpaspcss.html

RDISCLOSURE

Research Disclosure

–added to the ALLBIB database cluster

RDISCLOSURE has been added to the ALLBIB database cluster.

A complete listing of database clusters is available at:
www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

The RDISCLOSURE Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/rdisclosuress.html

REGISTRY/ZREGISTRY

–enhanced with more experimental spectral property data

Beginning February 27, 2006, approximately 42,000 mass spectra images from Wiley Subscriptions Services, Inc. (WSS) are being added to about 35,000 CAS records in REGISTRY/ZREGISTRY on STN. This addition significantly strengthens the collection of spectra properties first made available in 2005.

With this enhancement, MASS/SPEC and MASS SPECTRA/SPEC have been added to the search fields, and SPEC.MASS to the display fields.

The revised REGISTRY/ZREGISTRY Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/registryss.html
www.cas.org/ONLINE/DBSS/zregistryss.html

RUSSIAPAT

Russian Patent Abstracts

–IPC thesaurus added

The IPC thesaurus covering IPC 1-8 is now available in RUSSIAPAT. The thesaurus is available in the /IPC search and expand field, allowing you to view the definitions of IPC codes in their respective hierarchy. It also enables searching across a range of IPC codes.

A concise description of the functionality is provided when you enter HELP THES at an arrow prompt (=>) in one of the databases containing the IPC 1-8 thesaurus. The hierarchy or relationship codes are provided in HELP RCO.

Search tips for using the IPC thesaurus can be found starting on page 48 at:
www.stn-international.de/ipcreform_stn.html

For more information on the IPC Reform, visit:
www.cas.org/EO/ipcreform.html
www.stn-international.de/stndatabases/details/ipc_reform.html

The revised RUSSIAPAT Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/russiapatss.html

TOXCENTER[SM]

–reloaded and enhanced

TOXCENTER has been reloaded, and the following enhancements have been made:

- All labels of subfields displayed in the Source (/SO) field are now searchable.
- Former stop words are now indexed and no longer removed from searches.
- Simultaneous left and right truncation (SLART) is now available in the Title (/TI) field, the same as in the Abstract (/AB) and Basic Index (/BI) fields.

The following enhancements were made to the MEDLINE file segment of TOXCENTER:

- The Source (/SO) field now contains the International Standard Serial Number (ISSN) for print and the Electronic ISSN (E-ISSN) for electronic journals when available. Both print and electronic ISSNs are searchable and displayable in MEDLINE.
- OLDMEDLINE records now include at least one MeSH heading in the Controlled Term (/CT) field.
- A new search and display field, COMMENT (/CM), is now available and displays after the SO field in the ALL format. The CM field does not display in the BIB format. The terms from SEL CM with Document Number (/DN) appended allow you to find referenced PubMed IDs in TOXCENTER.

The reload of the MEDLINE file segment of TOXCENTER incorporates the annual update on December 11, 2005, to Medical Subject Headings (MeSH), the National Library of Medicine's (NLM) controlled vocabulary used for subject indexing and retrieval, which included:

- Over 990 new MeSH Headings
- More than 185 updated MeSH Headings to reflect more current terminology

For example, Fetal Anoxia is now indexed under Fetal Hypoxia.

```
=> S FETAL HYPOXIA/CT

L1         2192 FETAL HYPOXIA/CT   (4 TERMS)
                ('FETAL HYPOXIA'+XUSE/CT)

=> S FETAL ANOXIA/CT

L2         2192 FETAL ANOXIA/CT   (4 TERMS)
                ('FETAL HYPOXIA'+XUSE/CT)
```

You may want to update your current-awareness alerts (SDIs) and saved queries to reflect the MeSH terminology changes. However, regardless of the term you enter, STN recognizes the relationship between the old vocabulary and the new terms and will link them together automatically.

For more information about changes in the 2006 MeSH, visit: www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html

The revised TOXCENTER Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/toxcenterss.html

Search Tip

Searching link terms in EMBASE

EMBASE (Excerpta Medica) is a comprehensive bibliographic database that covers the worldwide literature on biomedical and pharmaceutical fields. It contains the EMTREE codes for drug and medical descriptors in the Controlled Term (/CT) field.

The /CT field also contains link terms, which are concept modifiers (subheadings) added where appropriate to EMTREE terms. They are intended to enhance the retrieval
of precise drug information.

In 1988, two link term groups were introduced:

- Drug links
- Disease links

Drug links may be added only to EMTREE terms for drugs and disease links may be added only to EMTREE terms for diseases. Each link term is additionally represented by a 2-letter code.

To obtain the most precise results in searching these link terms with drug, disease, or medical descriptors, use the (P) proximity operator. See the examples at the right.

Additional resources

In EMBASE, enter the following at an arrow prompt (=>):

- HELP LTERMS
- HELP (P)
- HELP (L)

The EMBASE Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/embasess.

Link terms are intended to enhance the retrieval of precise drug information.

Searching a drug link using the (P) proximity operator.

```
=> S (FLUNITRAZEPAM (P) PO)/CT
          5922 FLUNITRAZEPAM/CT
        125414 PO/CT
L1          56 (FLUNITRAZEPAM (P) PO)/CT

=> D AN TI HIT

L1   ANSWER 1 OF 56  EMBASE COPYRIGHT (c) 2006 Elsevier
     B.V. All rights reserved on STN
AN    2006006426  EMBASE
TI    Twin-to-twin transfusion syndrome: Management options
     and outcomes.
CT    Medical Descriptors:
     *twin twin transfusion syndrome: DI, diagnosis
     *twin twin transfusion syndrome: SU, surgery treatment
     outcome surgical technique
                .
                .
                .
     Drug Descriptors:
     cefazolin: IV, intravenous drug administration
     indometacin
     flunitrazepam: PO, oral drug administration
```

Search the drug name with (P) followed by PO (for oral administration) in the /CT field.

Searching a disease link using the (P) proximity operator.

```
=> S FETUS DISEASE/CT (P) ETIOLOGY/CT
        2749 FETUS DISEASE/CT
     1194882 ETIOLOGY/CT
L8        395 FETUS DISEASE/CT (P) ETIOLOGY/CT

=> D AN TI HIT 4

L8    ANSWER 4 OF 395  EMBASE  COPYRIGHT (c) 2006
     Elsevier B.V. All rights reserved on STN
AN    2006006074  EMBASE
TI    Concomitant fetal anemia and thrombocytopenia due to
     anti-D and anti-HPA1a
     alloimmunization [4].
CT    Medical Descriptors:
      *fetus disease: CO, complication
      *fetus disease: DI, diagnosis
      *fetus disease: DT, drug therapy
      *fetus disease: ET, etiology
      *fetus disease: TH, therapy
      *anemia: CO, complication
                .
                .
                .
```

Search the disease with (P) followed by the link term in the /CT field.

Version 1.1 enhancements help you share your visualization results

By popular request, STN AnaVist has been enhanced with key features. This article discusses:

- Sharing visualization projects
- Creating project reports
- Additional enhancements

Sharing visualization projects

Visualization projects can be shared if both the sender and receiver have:

- STN AnaVist, Version 1.1
- A full-access STN login ID or STN AnaVist Login ID for Shared Projects

The instructions on the next page describe how to share projects with others.

Note: STN Easy-only login IDs cannot be used.

By popular request, STN AnaVist has been enhanced to help you share visualization results.

Login IDs for Shared Projects

Login IDs for Shared Projects allow the holder to:

- Download or order STN AnaVist software
- Open STN AnaVist shared projects
- Customize projects, e.g., create new charts, edit terms
- Display, print, and save documents (standard charges apply)
- Perform subset visualizations

STN AnaVist Login IDs for Shared Projects do not permit the holder to create new visualizations or perform searches within the software.

All STN AnaVist Login IDs for Shared Projects must be requested by a full-access STN login ID holder. All fees incurred by the STN AnaVist Login ID for Shared Projects holder are billed to the full-access STN account with which they are associated.

To request these login IDs, complete the STN AnaVist Login ID for Shared Projects Request Form available at: www.cas.org/stnanavist/.

To save a project for sharing:

1. Select
   File > Save Copy of "<project name>".

   Or

   Right-click on the name of the project listed in the project area and select **Save Copy**.

   Or

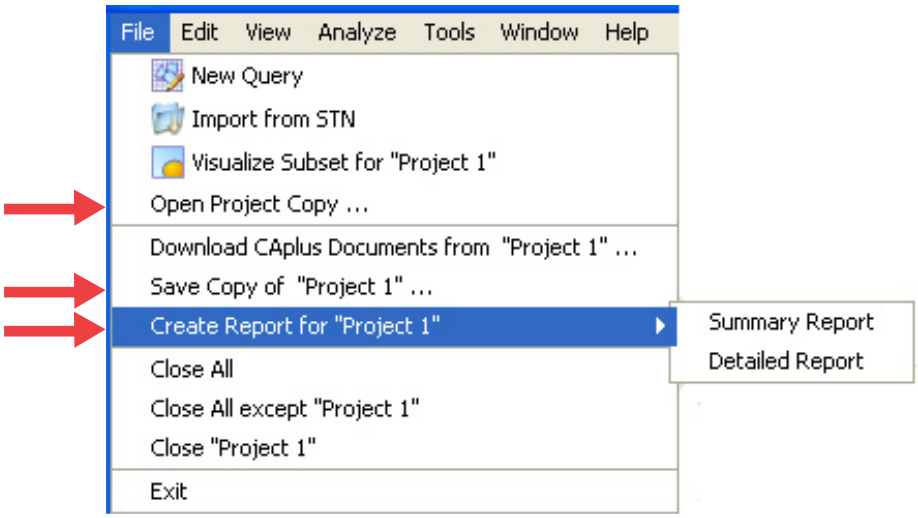
   Right-click on the project tab and select **Save Copy**.

   Note: If you have not worked with your project in the current session, ensure that it is active by double-clicking the project name listed in the project area.

2. In the Save As window, specify a file location and a file name for the saved project.

3. Click **Save**.

The project is saved in AnaVist eXchange format (.avx) as a small file (less than 10 KB)



Menu items for new features in Version 1.1.

To open a shared project from an e-mail attachment:

- Double-click the .avx file attachment.

Note: STN AnaVist launches automatically.

To open a project that is saved to your computer or a shared file location:

1. Select **File > Open Project Copy**.

2. Locate the .avx file of interest.

3. Click **Open**.

Or

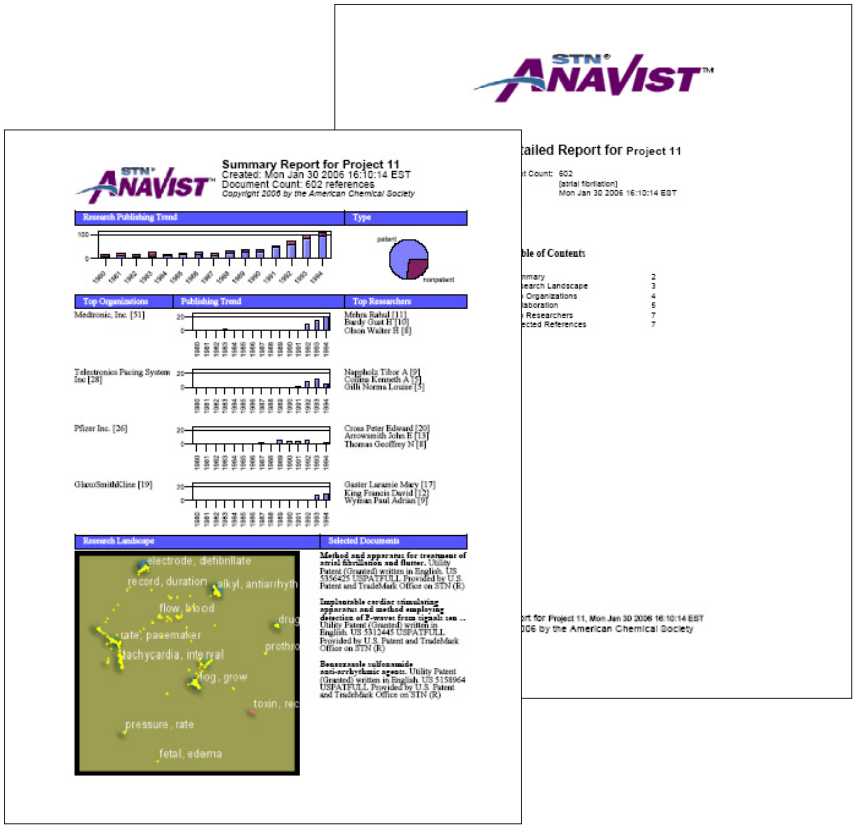
Click and drag the .avx file into the STN AnaVist workspace.

Creating project reports

With Version 1.1, you can now create two types of project reports as either .rtf or .pdf documents:

- One-page Summary Reports
- Multiple-page Detailed Reports

The instructions on the next page outline the steps for creating these predefined reports.



Sample summary and detailed reports from STN AnaVist. These predefined reports can be created quickly and easily for any visualization project.

A Summary Report is a one-page overview that includes:

- Information about the project, e.g., creation date, number of documents
- Charts of publication trends, top organizations, and top authors/inventors
- Research Landscape
- A short list of selected documents from the project

A Detailed Report is a multiple-page document that contains:

- Summary of the project, e.g., databases and types of documents searched, total number of documents, overall publication trends
- Research Landscape
- Top organizations, including publication trends
- Collaboration charts, indicating documents that were co-authored by researchers at more than one organization
- Top researchers, including numbers of documents
- List of selected documents from the project

Predefined reports can be created quickly and easily for any visualization project.

To create a report:

1. Select **File > Create Report for "<project name>"**.

   Or

   Right-click on the name of the project listed in the project area and select **Create Report**.

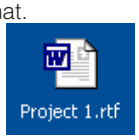
   Or

   Right-click on the project tab and select **Create Report**.

   Note: If you have not worked with your project in the current session, ensure that it is active by double-clicking the project name listed in the project area.

2. Select **Summary Report** or **Detailed Report**.

3. In the Save As window, specify a file location and a file name for the report. Select .rtf or .pdf format.



Additional resources

For more information about STN AnaVist, visit:

www.cas.org/stnanavist/

www.stn-international.de/stninterfaces/stnanavist/stn_anavist.html

Additional enhancements

In addition, enhancements in Version 1.1 let you:

- Choose whether or not you want STN AnaVist to remember your login ID for future use
- Create a chart of priority application dates by year or by date
- Move the toolbar to any location in bar and matrix charts
- Access the Edit Terms feature through a new toolbar button
- Create multiple versions of visualization projects

Searching and displaying IPC Reform data

As discussed in the Feature article, the World Intellectual Property Organization's (WIPO) International Patent Classification (IPC) Reform went into effect on January 1, 2006, for patent-issuing authorities that use IPC codes.

This article highlights the changes that have been made in patent databases on STN to accommodate new or additional IPC Reform-related data:

- New format for displaying IPC codes
- New fields for searching information about IPC codes
- Searching additional information about IPC codes
- Search tips and examples using the IPC Reform data

The examples are taken from CA/CAplus and INPADOC, implemented with IPC 8 data, to demonstrate these changes.

Displaying IPC codes

To make it easy to understand and quickly scan additional information about IPC data, a new tabular display format (IPC.TAB) is available.

In this format, IPCI CODE groups Initial IPC Classifications, and IPCR CODE groups Reclassified IPC data.

In addition, information for each IPC is included in clearly labeled columns.

Information available for each IPC

IPC.TAB column	Content
VERSION	Date, partial date, or edition number of the version of the IPC manual of classification
POS (for Position)	F (First IPC) L (Later IPC) Main (Main IPC) Secondary (Secondary IPC) Index (Index IPC) Additional (Additional IPC)
INV (for Invention/ Non-Invention)	I (applied to Invention) N (applied to Non-Inventive aspects)
LEVEL	Core (applied at Core level) Advanced (applied at Advanced level) Subclass (applied at Subclass level)
CC (for Country Code)	Two character code for the country or patent-issuing organization
ASSIGNMENT	Human (human-assigned) Machine (machine-assigned)
DATE	Date (date when the IPC code was applied or updated)
STAT (for Status)	O (Original) R (Reclassification) U (Updated) D (Deleted)

Example of the new IPC.TAB display format.

```
L1   ANSWER 1 OF 10666  CAPLUS  COPYRIGHT 2006 ACS on STN

PI   US 2005275330

IPCI CODE       VERSION  POS INV LEVEL    CC ASSIGNMENT   DATE   STAT
--------------- -------  --- --- -----    -- ---------- -------- ----
H01J0001-14     (7)  Main                US Human      20051215  O
H01J0001-02     (7)  Secondary           US Human      20051215  O

PI   US 2003168957

IPCI CODE       VERSION  POS INV LEVEL    CC ASSIGNMENT   DATE   STAT
--------------- -------  --- --- -----    -- ---------- -------- ----
H01J0001-14     (7)  Main                US Human      20030911  O
H01J0019-06     (7)  Secondary           US Human      20030911  O

IPCR CODE       VERSION  POS INV LEVEL    CC ASSIGNMENT   DATE   STAT
--------------- -------  --- --- -----    -- ---------- -------- ----
C01B0031-00     (200506)      I  Core     EP Machine    20050722  R
C01B0031-06     (200601)      I  Advanced EP Machine    20050722  R
H01J0001-13     (200506)      I  Core     EP Machine    20050722  R
H01J0001-14     (200601)      I  Advanced EP Machine    20050722  R
H01J0001-30     (200506)      I  Core     EP Machine    20050722  R
H01J0001-304    (200601)      I  Advanced EP Machine    20050722  R
```

This article highlights the changes that have been made in patent databases on STN to accommodate new or additional IPC Reform-related data.

Searching IPC codes

The main search fields for searching IPC data are:

Search field	Content
/IPC	All IPC codes
/IPCR	IPC, Reclassified
/IPCI	IPC, Initial Classification

You can use pre-Reform codes with the SEARCH or EXPAND command. The system automatically converts the IPC to the new format by adding the initial 0 to the group designation. For example, in the IPC 1-7 format B23K001-02, B is the section, 23 is the class, K is the subclass, 001 is the group, and 02 is the subgroup. In the IPC 8 format B23K0001-02, 0001 is the group.

Avoid the truncation symbol "?" because the search edit feature that converts the pre-IPC Reform format to the 8-character IPC-8 format would not be used.

You can also search a range of IPCs. See the examples below.

The IPC code is up-posted, which means:

S A61K/IPC	Searches the IPCs at the subclass level (groups and subgroups searched)
S A61K0001/IPC	Searches the IPCs at the main group level (subgroups searched)

Searching a single IPC.

```
=> S C01B031-02/IPC
L1        8111 C01B031-02/IPC
                (C01B0031-02/IPC)
=> D TI HIT
L1    ANSWER 1 OF 8111  INPADOC  COPYRIGHT 2006 EPO on STN
TI    Nanoporous carbide derived carbon with tunable pore size.
IPCI  C01B0031-02 [I,A]
      C01B0031-00 [I,C*]
```

Searching a range of IPCs.

```
=> S C01B0031-26-C01B0031-36/IPC
L2        5258 C01B0031-26-C01B0031-36/IPC  (6 TERMS)
                (C01B0031-26+NEXT5/IPC)
=> D HIT 1-2
L2    ANSWER 1 OF 5258  INPADOC  COPYRIGHT 2006 EPO on STN
IPCR  C01B0007-07 [I,A]; C01B0031-28 [I,A]; C07C0263-10 [I,A]
      C01B0007-00 [I,C*]; C01B0031-00 [I,C*]; C07C0263-00
     [I,C*]

L2    ANSWER 2 OF 5258  INPADOC  COPYRIGHT 2006 EPO on STN
IPCI  C01B0031-36 [I,A]
      C01B0031-00 [I,C*]
```

Searching IPCs at the main group level.

```
=> S C01B031/IPC
L4       31110 C01B031/IPC
                (C01B0031/IPC)
=> D HIT 1
L4    ANSWER 1 OF 31110  INPADOC  COPYRIGHT 2006 EPO on STN
IPCI  C01B0031-02 [I,A]
        C01B0031-00 [I,C*]
IPCI  C01B0031-02 [I,A]
```

Searching additional information about IPC codes

Three new fields are available for searching additional information about IPCs.

Search field	Name
/IPC.VER	IPC Version or Date
/IPC.KW	IPC Keywords
/IPC.ACD	IPC Action Date

The table to the right lists the keywords you can search in the /IPC.KW field in relation to the terms that are displayed in the IPC.TAB columns.

Display and search terms for IPC Keywords

Display column	Display codes	Search terms in /IPC.KW
POS	Additional F Index Main Secondary L	ICA or ADDITIONAL F or FIRST ICI or INDEX ICM or MAIN ICS or SECONDARY L or LATER
Level	Advanced Core Subclass	ADVANCED or A C or CORE SUBCLASS or S
STAT	D O R U	DELETED or D IPCI or INITIAL or O or ORIGINAL RECLASSIFICATION or R UPDATED or U
INV	I N	I or INVENTION N or NON-INVENTION
ASSIGNMENT	Human Machine	Human Machine
CC	Country Code	Country Code, e.g., US, EP, DE

Search tips and examples

When searching IPC data, keep the following in mind:

- Search IPC codes in pre-Reform as well as IPC 8 fields, e.g., /ICM, /IPC, IPC.KW (because both may be found in a given database).
- Use the (S) operator to correlate a particular IPC code with some additional information, e.g., a keyword from the /IPC.KW field.

For example, to search for pre-Reform and IPC 8 patents in which the IPC B23K011 was applied to main or invention-related information, include the following terms:

- S B23K011/ICM
- S B23K011/IPC (S) MAIN/IPC.KW
- S B23K011/IPC (S) INVENTION/IPC.KW

Additional resources

For additional information about IPC Reform as it relates to STN databases, visit:

www.cas.org/EO/ipcreform.html

www.stn-international.de/stndatabases/details/ipc_reform.html

See also the Patent Interchange article, Verifying IPC codes with the IPC thesaurus in CA/CAplus and USPATFULL/USPAT2, in the January/February 2006 issue of *STNews*.

Searching IPC B23K011 applied to main or invention-related information.

```
=> FILE CAPLUS

=> S B23K011/ICM
L1          914 B23K011/ICM

=> D TI HIT

L1   ANSWER 1 OF 914  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Electrode composite material for resistance spot welding
     of aluminum alloy
IC   ICM  B23K011-30


=> S B23K011/IPC (S) (MAIN OR INVENTION)/IPC.KW
          2058 B23K011/IPC
                 (B23K0011/IPC)
       3284685 MAIN/IPC.KW
       2351313 INVENTION/IPC.KW
L2        1360 B23K011/IPC (S) (MAIN OR INVENTION)/IPC.KW

=> D TI IPC.TAB 1-2

L2   ANSWER 1 OF 1360  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Spot welding process [Machine Translation].

PI   JP 2006061916

IPCI CODE       VERSION  POS INV LEVEL    CC ASSIGNMENT   DATE   STAT
--------------- -------  --- --- -----    -- ---------- -------- ----
B23K0011-11     (200601)  F   I  Advanced JP Human      20060210  O  <--
B23K0011-14     (200601)  L   I  Advanced JP Human      20060210  O  <--
B23K0011-30     (200601)  L   I  Advanced JP Human      20060210  O  <--


L2   ANSWER 2 OF 1360  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Method for resistance spot welding of metal plates and metal sheets,
     method for formation of resistant spot weld joints, and method for
     manufacture of automobile bodies

PI   JP 2006055898

IPCI CODE       VERSION  POS INV LEVEL    CC ASSIGNMENT   DATE   STAT
--------------- -------  --- --- -----    -- ---------- -------- ----
B23K0011-11     (200601)  F   I  Advanced JP Human      20060206  O  <--
B23K0011-30     (200601)  L   I  Advanced JP Human      20060206  O  <--


=> S L1 OR L2
L3        1365 L1 OR L2
```

X.25 communication option no longer available after June 2006

If you currently access STN via dial-up, also known as Value Added Network (VAN) or X.25 access, you will need to change your means of access by June 2006. After June 2006, there will no longer be an X.25 communication method for STN-Columbus or STN-Tokyo customers.

To ensure that your future access to STN is uninterrupted, please change now to Internet access. Simply follow these steps:

1. Open STN Express with Discover!.
2. Click the **Setup** button on the main toolbar.
3. In the STN Setup window, click **Modify**.
4. Select **Winsock (Internet)** from the Connect via: drop-down menu.

In addition, two secure access options have been added to the STN Express with Discover! software to alleviate concerns about the safety of data transmittal over the Internet. You can now access STN through:

- Secure telnet session using RSA encryption in Version 8.0 and higher
- Secured Socket Layer Virtual Private Network (SSL VPN) in Version 8.01 and higher

To purchase STN Express with Discover!, Version 8.01, visit: www.cas.org/ONLINE/STN order express.html

For step-by-step instructions on how to set up a secure connection to STN Express with Discover!, refer to the Take Note article in the January/February 2006 issue of STNews available at: www.cas.org/STNEWS/JANFEB06/takenote.html#X25

Please contact your STN Service Center

Free maintenance release of STN Express with *Discover!* (Version 8.01a) now available

A free maintenance release (Version 8.01a for Windows®) for STN Express with Discover! is now available. This release provides fixes for specific issues that have been reported. The fixes primarily affect the structure drawing and post-processing features, including:

- The Variable Group (R-Group) Analysis Table Tool no longer locks up for certain .rgp (R-group) files when the "Use structure skeleton, ignore bonds" option is selected.
- Bond Characteristics no longer unexpectedly change to "EXACT" for benzene in a repeating group when the ring system is isolated.
- .xss (Express Saved Sequences) or .trn (Transcript) files can now be opened when using Japanese mode.

To upgrade to this maintenance release from an existing version of the Analysis Edition (Version 8.0 and higher):

1. Launch STN Express.
2. Select **Web** from the toolbar.
3. Select the appropriate STN Service Center.
4. Select **Free Maintenance Upgrades**.

Or, for instructions on how to download this maintenance release, visit: www.cas.org/Support/express80/win/patches/patches.html

You need to currently have the Analysis Edition of STN Express with Discover!, Version 8.0 or 8.01, to download this free maintenance release. To verify that you are using one of these versions:

1. Launch STN Express.
2. Select **Help > About STN Express** from the main menu.

STN Express with Discover!, Version 8.01a, is also available directly from the Web via the Purchase and Download site (casweb.cas.org/stnexpress/html/english/login.html), which is available to you if you are an STN-Columbus customer with an STN login ID and password.

You can also obtain the software on CD-ROM:

- Use the printed or PDF version of the STN Express with Discover! Order Form
- Request a CD-ROM online

For more information about STN Express with Discover!, visit: www.cas.org/ONLINE/STN/discover.html

New STN AnaVist pricing implemented

New pricing for STN AnaVist went into effect on March 1, 2006. Key changes include:

- New visualization fees that include unlimited subset visualizations
- No charge for STN AnaVist software or upgrades

For details, visit: www.cas.org/stnanavist/prices.html

In addition, a copy of the 2006 STN AnaVist Price List is included with this issue of *STNews.*

STN® ANAVIST™

$500 credit toward visualization usage

From March 1 until August 31, 2006, you can explore STN AnaVist while taking advantage of a $500 credit* toward STN AnaVist visualization usage.
The $500 credit will be automatically applied to your invoiced charges.

The $500 credit applies to the following billable activities:

- Answer set creation (search)
- Visualization

The $500 credit does not apply to the following billable activities:

- Display, Save, or Print document records
- Use of the Download CAplus Documents feature, including CAplus document charges and download visualization fees

* This credit is valid for all existing STN® login IDs. *Note: STN Easy®–only login IDs are excluded from this offer.* The $500 credit will be automatically applied beginning March 1, 2006, and carried over month-to-month until the $500 is used or until August 31, 2006. This offer is currently not available in Japan.

For more information on STN AnaVist, visit www.cas.org/stnanavist/.

CAS contacts

CAS Customer Care:	**Phone: 800-753-4227 (North America) or 614-447-3700 (worldwide)**
CAS:	**Phone: 800-848-6538 (North America) or 614-447-3600 (worldwide)**
E-mail:	**help@cas.org**
CAS web page:	**www.cas.org**
STN web page:	**www.cas.org/stn.html**
Information Professionals:	**www.cas.org/infopro/**
Patent Information on STN:	**www.cas.org/patents/**
STNews:	**www.cas.org/STNEWS/stnewscover.html**
STNews back issues:	**www.cas.org/STNEWS/backissue.html**

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ORGANIZATION

COUNTRY

2006 CAS exhibits

www.cas.org/exhibit.html

CPhI Japan (Convention on Pharmaceutical Ingredients)
April 24-26
Tokyo, Japan

ACHEMA (International Exhibition on Chemical Engineering, Environmental Protection, and Biotechnology)
May 15-19
Frankfurt, Germany

Biomed Research Equipment & Supplies Exhibit
May 17-18
Fort Detrick, Maryland

PATINFO 2006
May 18-19
Illmenau, Germany

PIUG Annual Conference
May 21-25
Minneapolis, Minnesota

Canadian Chemical Society Meeting
May 27-31
Halifax, Novia Scotia

SLA Annual Conference
June 11-14
Baltimore, Maryland

BioPharma Opportunities
June 13-15
Shanghai, China

AALL (American Association of Law Libraries)
July 8-12
St. Louis, Missouri

China Chemical Society Meeting
July 11-15
Jilin, China

International Isotope Society Symposium
July 16-20
Edinburgh, Scotland

Drug Discovery Technology Conference
August 7-12
Boston, Massachusetts

International Federation of Library Associations (IFLA)
August 20-24
Seoul, Korea

1st European Chemistry Congress
August 27-31
Budapest, Hungary

IPO Annual Meeting
September 10-12
Chicago, Illinois

ACS National Fall Meeting
September 10-14
San Francisco, California

LIASA (Library and Information Association of South Africa Conference)
September 25-29
Pretoria, South Africa

BioTech Forum
September 26-28
Copenhagen, Denmark

CPhI (Convention on Pharmaceutical Ingredients)
October 3-5
Paris, France

Drug Discovery Technology India
October 10-12
Mumbai, India

ICIC 2006
October 22-25
Nimes, France

STNews binders available

Need a binder for your 2006 issues of STNews? CAS has STNews binders available.

To request your free binder, contact CAS Customer Care at help@cas.org. Be sure to include your name and complete address with your request.

STNews

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2006 CAS e-Seminars

www.cas.org/training/schedule.html

5/11	9:00-10:00 a.m.	STN: Capitalizing on IPC Reform
5/30	1:00-2:00 p.m.	STN: Property Searching in CAS REGISTRY℠
6/8	9:00-10:00 a.m.	STN: Property Searching in CAS REGISTRY
6/27	1:00-2:00 p.m.	STN: Is That Patent Still Valid? Finding Patent Expirations and Extensions
7/13	9:00-10:00 a.m.	STN: Is That Patent Still Valid? Finding Patent Expirations and Extensions

All times are U.S. Eastern Time.

For a description of each e-Seminar and to register, visit: https://casevents.webex.com/

2006 STN instructor-led seminars

www.cas.org/training/schedule.html

Columbus, Ohio

5/16	9:00 a.m.-12:00 p.m.	STN Basics
5/16	1:00 p.m.-4:00 p.m.	STN Intermediate
5/17	9:00 a.m.-12:00 p.m.	Basic Patent Search Techniques
5/17	1:00 p.m.-4:00 p.m.	Patent Family and Legal Status Search Techniques
5/18	9:00 a.m-12:00 p.m.	Markush Searching in the Patent Literature
5/18	1:00 p.m.-4:00 p.m.	Reaction Searching in CASREACT®

All STN instructor-led seminars in North America are free, but registration is required.

To register, visit: www.cas.org/training/regform.html

Previously recorded CAS e-Seminars available

https://casevents.webex.com

Previously recorded CAS e-Seminars include:

STN AnaVist
- STN: Introduction to STN AnaVist
- Creating Result Sets for Use in STN AnaVist
- Going Beyond Basic Navigation on STN AnaVist
- Using the Custom Grouping Capabilities in STN AnaVist
- Using the STN AnaVist Interactive Visualization Workspace

STN Express with *Discover!*
- STN: Using Discover! Wizards in STN Express
- STN: What's New with STN Express? (Version 8.0)

Structure Techniques
- STN: Structure and Substructure Searching Tips
- STN: Advanced Structure Search Techniques – Ring Information
- STN: Advanced Structure Searching with Filters/Screens
- STN: Stereochemistry in the CAS Registry File
- STN: Using Boolean Operators in Structure Searching
- STN: Introduction to Polymers
- STN: Finding Post-Treated and Blended Polymers
- STN: Organometallics and Coordination Compounds
- STN: Reaction Searching
- STN: All About MARPAT
- STN: Advanced MARPAT Techniques

Patent Searching
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- STN: Expanding Your Prior Art Search with Controlled Terminology
- STN: Searching for Patent Families
- STN: Multifile Patent Searching
- STN: Patent Citation Searching
- STN: Improving Searches by Including Patent Classification Codes
- STN: "Biotextology" – Text Search Techniques for Biological Information

Miscellaneous
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- STN: Multiple Methods of Keeping Current
- STN: Finding Regulatory Information
- STN: Strategies for Finding Novel Formulations
- STN: Finding Clinical Trial and Drug Pipeline Information

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STNews Nov/Dec

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- Maximizing use of the SET command
- Utilizing SET RANGE or RANGE= in IFIPAT/IFICDB/IFIUDB
- STN AnaVist, Version 1.01, allows the export/download of CAplus documents
- Using STN AnaVist for competitive analysis of patents
- STN Express with *Discover!*, Analysis Edition, Version 8.01 for Windows, now available

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- Exploring property information on STN
- Searching and displaying experimental spectral data in REGISTRY
- Manual current-awareness searching on STN
- Verifying IPC codes with the IPC thesaurus in CA/CAplus and USPATFULL/USPAT2
- Variable group analysis enhanced in STN Express with *Discover!*, Version 8.01
- STN® on the Web℠ now offers new Windows structure plug-in

You can find it easily by searching the CAS web site at:
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