

# Newsletter from STN

June 2009



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## STN User Day – 24 June in London

### LONDON USER DAY 2009

**Wednesday 24 June – Burlington House, London**

*An opportunity to keep up to date with all the improvements to STN files and services, and meet with other users, colleagues and STN representatives*

**What's New on STN – Highlights of recent system and file enhancements**

**New STN Interface – Features of STN Express V8.4**

**Analysis & Visualisation Tools in Action**  
*Guest speaker: Jeanette Eldridge, Astra Zeneca*

**Finding and Understanding Nanoscience and Nanotechnology Information**

**The Art of ECLA - Case study using ECLA codes**  
*Presenter: Rob Austin, Fiz-Karlsruhe*

**Glimpse into the Life of a CAS Editorial Analyst**

**Searching Data for REACH Compliance**

*All User Days are **FREE** and will run from 10:00am to 3:30pm. A light lunch will be provided*

To register please e-mail your details to the STN Agency **by 15 June 2009**.

## Express version Express version 8.4 now available!

### What's NEW in STN Express®, Version 8.4?

These days everyone is being asked to “do more with less.” STN Express, Version 8.4, was designed to help by increasing efficiency in searching and post-processing. The new version of STN Express also supports more effective communication of results and adds power to a number of search capabilities.

Take advantage of new tools to streamline and enhance your search processes:

**More efficient searching and post-processing**

**More efficient searching and post-processing**

- **New Preview option for tables and reports** – quickly see the impact of your selections as you go.
- **New Patent Family Manager** – reduce multi-step processes to a single click. Now you can quickly extract the first member from each patent family or customize the display of patent family search results by choosing one format for the first member and another for subsequent family members.
- **Speedy download of images** – obtain significantly faster downloading of all image types.
- **Truncation options for custom highlighting** – use standard STN<sup>®</sup> truncation conventions instead of entering all related terms.

**Improved communication**

**Improved communication of search results**

- **New Summary option for reports** – create a customized multi-field overview linked to relevant records in your report to promote easier scanning of content.
- **Comments** – easily add notes and insights to reports of retrieved STN information to share critical knowledge with your team.
- **PDF output** – produce an output format that integrates with your workflow.
- **Query Summary** – keep a record of your search history (including structure queries) in PDF or RTF format.

**Added search power**

**Added power for advanced search capabilities**

- **Multiple optional points of attachment for G-group fragments** – draw complex structure queries more efficiently.
- **Customized search term command files** – create scripts for search terms in any field from one simple interface.
- **Context-specific help for drawing tool** – save time by linking quickly to the new context-specific help whenever you have questions.

**Download today!**

**Maximize the value of STN information for your organization. Download the NEW STN Express, Version 8.4, today! [Download](#)**



### **Celebrating 40 years of moon landings, colour television and Inspec**

The last year of the swinging sixties was famous for a number of technological advancements including the launch of the Institution of Engineering and Technology's (IET) Inspec Database.

1969 was also famous for Neil Armstrong taking the first steps on the moon, the launch of the Mariner 6 Mars probe, the start of regular colour television broadcasts in the UK and the invention of the Unix computer operating system.

Inspec, the IET's bibliographic database of abstracts to journal articles, conference proceedings, technical reports and other literature, celebrates its Ruby anniversary this year, although the online archives date back to 1898.

Inspec provides comprehensive coverage of traditional and cutting-edge publications in the fields of physics, electrical and electronic engineering, communications, computer science, control engineering, information technology, manufacturing and mechanical engineering.

In addition, there is significant coverage of areas such as operations research, material science, oceanography, engineering mathematics, nuclear engineering, environmental science, geophysics, nanotechnology, biomedical technology and biophysics.

Inspec now adds nearly 700,000 records each year to the database all of which have a range of specialised subject indexing created by scientific subject experts to enhance retrieval. A further Inspec milestone will be reached this Autumn as the eleven millionth record will be added.

So to get to Inspec you need go no further than to STN! Want to know more about how to search? Just contact us at the Agency, and we can arrange for a demonstration, workshop, or discussion with us or the experts at the IET.

### **Tips from the Help Desk**

#### **More about SET commands**

Did you realise you can use SET to customise your selection of searchable fields in a particular file? For example, in WPINDEX use:

```
SET SFIELDS BI BIEX
```

to add the DWPI basic index extension BIEX - original title, abstract and main (1st) claim - to the default search index (BI).

```
=> FILE WPINDEX
```

```
.....
```

```
=> SET SFIELDS BI BIEX
```

SET COMMAND COMPLETED

=> S (LIGHT EMITTING DIODE# OR LED#) AND (HEAD(W)(LIGHT# OR LAMP#) OR HEADLIGHT# OR HEADLAMP#)

The system echoes back the fields searched:

L1 1260 (LIGHT EMITTING DIODE#/BI,BIEX OR LED#/BI,BIEX) AND (HEAD/BI,BIEX(W)(LIGHT#/BI,BIEX OR LAMP#/BI,BIEX) OR HEADLIGHT#/BI,BIEX OR HEADLAMP#/BI,BIEX)

This setting will take effect for the duration of the search until logoff. If you add the word PERM at the end of the command it will be applied permanently to your ID until you change your setting again.

## System News

### STN is raising the limits on saved answers

The SAVE command allows you to save an L-number query, answer set, or list in long-term storage. To save, you must enter an L-number and a name ending in /Q for queries, /A for answer sets, and /L for an L-number list. A monthly fee is charged for saved items.

Are there times when your saved answers come close to exceeding STN limits? Do you spend time deleting answers to make room for new search results?

Good news! STN now allows you to save twice as many answers online as you previously could. The limits for both temporary and non-temporary answer storage have doubled:

Saved answers	Previous limits	New limits
Temporary	500,000	1,000,000
Non-temporary	400,000	800,000

### Enhancements to STN<sup>®</sup> on the Web<sup>SM</sup> now available

- **An import option on the STN AnaVist<sup>®</sup> assistant** allows you to import answers from the DERWENT World Patent Index<sup>®</sup> (WPIDS/WPIX) into STN on the Web.
- **New blue highlighting** increases the visibility of hit-terms in online sessions. Hit-terms in printed transcripts will continue to be highlighted in bold black.
- **A new structure-drawing plug-in** allows you to draw complex structure queries more efficiently with multiple optional points of attachment for G-group fragments and to retain your structure-drawing preferences between sessions.

### Iteration limits doubled for structure searching in CAS REGISTRY<sup>SM</sup>

If your broadly defined structure searches occasionally resulted in incomplete answer sets because they've exceeded iteration limits, we have good news for you! You'll be pleased to learn that we are doubling iteration limits for both online and batch structure searches:

Searches	Previous limits	New limits
Online	1 million	2 million
Batch	1.5 million	3 million

The CAS REGISTRY has witnessed extraordinary growth over the past few years with approximately 12,000 new substances now added daily. The REGISTRY database currently contains more than 45.6 million organic and inorganic substances - all potential candidates for matching your structure query.

Doubling the iteration limits will save you time as it provides greater opportunities for broadly defined structure searches to run to completion. The increase in limits will help you maximize the value REGISTRY has to offer as the largest, most authoritative collection of disclosed chemical substance information in the world.

## STN Database News You May Have Missed ...

### **CAS databases enhanced with new super role for nanomaterial substances**

The CAS databases have been enhanced with a new nanomaterial substance super role (NANO) to allow for more targeted substance retrieval in the CA<sup>SM</sup>/CAplus<sup>SM</sup> family of databases and CAS REGISTRY<sup>SM</sup>. Substances are assigned the NANO super role if they are described as being either:

- In a nano form or as nanoscale without further information
- Between 0.05 and 100 nanometers in one dimension

The NANO role can be added to your search query to retrieve only those records specifically related to nanomaterial substances.

The CA/CAplus roles thesaurus has been updated with the NANO super role. For more information, enter HELP ROLES at an arrow prompt (=>) in CA/CAplus and REGISTRY or refer to the STN Quick Reference Card on *CAS roles in CA/CAplus*.

### **Update on CAS coverage of exemplified prophetics**

Beginning in January 2009, CAS coverage of prophetic substances and uses was extended to include Example sections of patents in all languages from 9 of the major patent offices (Canadian, French, German, Japanese, Russian, United Kingdom, United States, and the European Patent Office and World Intellectual Property Organization).

CAS also covers English-, French-, and German-language patents from 2003-2008, and for completion later this year, from 1998-2002. Japanese-language patents are covered from 2008-present.

### **CAS patent enhancements:**

#### **1. More comprehensive patent assignee information**

CA/CAplus patent records will be updated with patent assignee information as soon as it becomes available from the patent office or authority. This includes many U.S. patent applications for which assignee information is not available at the time the record is added to CA/CAplus. Patent assignee information for patent records dating back to January 2001 will be added later this year.

## 2. More than 250,000 patent equivalents from China added

Existing patent records in the CA/CAPplus family of databases have been enhanced with more than 250,000 patent equivalents from the State Intellectual Property Office (SIPO) of the People's Republic of China. The additional Chinese (CN) patent equivalents represent granted patents (kind code C) issued during 2004-2008.

## 3. Patent authority coverage expanded

CAS patent coverage has been expanded to include patent documents from the Gulf Cooperation Council Patent Office and Irish Patent Office. Patent and patent family references from [59 patent authorities around the world](#) are now included in the CAS databases.

Coverage includes patents (kind code A) from the Gulf Cooperation Council Patent Office (country code GC) back to November 2002 and patent applications (kind code A1) and short-term patent applications (kind code A2) from the Irish Patent Office (country code IE) back to January 2002.

## CAS REGISTRY<sup>SM</sup> Source of Registration searching enhanced on STN<sup>®</sup>

Supplier, catalogue, and database information in the second line of the Source of Registration (SR) field is now searchable in REGISTRY. This information is generally provided with sources labelled Chemical Library, Chemical Catalog, or Other Sources in the first line of the SR field. With this enhancement, you can now easily refine your search results by supplier, catalogue, and database.

So, you could, for example, search for substances in database sources only:

=> FILE REGISTRY

=> SEARCH IMIDAZOLE/CNS AND DATABASE/SR

265013 IMIDAZOLE/CNS

1290763 DATABASE/SR

L1 3262 IMIDAZOLE/CNS AND DATABASE/SR

=> DISPLAY CN SR

L1 ANSWER 1 OF 3262 REGISTRY COPYRIGHT 2009 ACS on STN

CN 1H-Imidazole-5-carboxylic acid, 4,5-dihydro-1-methyl-2,4-diphenyl-

(CA INDEX NAME)

SR Other Sources

Database: ChemSynthesis Database (Chemical Synthesis Database)

or search for substances in a specific database source:

=> FILE REGISTRY

=> SEARCH IMIDAZOLE/CNS

L1 265013 IMIDAZOLE/CNS

=> EXPAND ENAMINE/SR

E2 12900 EMORY UNIVERSITY MOLECULAR LIBRARIES SCREENING CENTER/SR

E3           621523--> ENAMINE/SR  
E4            24    ENDOCRINE/SR  
E5            24    ENDOCRINE DISRUPTOR KNOWLEDGE BASE/SR

=> SEARCH E3 AND L1

              621523    ENAMINE/SR  
L3            1131    ENAMINE/SR AND L1

=> DISPLAY CN SR

L3 ANSWER 1 OF 1131    REGISTRY COPYRIGHT 2009 ACS on STN  
CN 1H-Imidazole-1-propanamide, N-[3-[[4-(2,3-dihydro-1H-inden-5-yl)-1,4-dioxobutyl]amino]phenyl]- (CA INDEX NAME)  
SR Chemical Library  
  Supplier: Enamine

### **BEILSTEIN substance information now available on STN Easy®**

Now you can find additional basic substance information and key property data by searching a portion of the BEILSTEIN database on STN Easy.

Providing access to published chemical substance information for more than 10 million substances, BEILSTEIN coverage goes back to 1771. The addition of BEILSTEIN to STN Easy enables you to locate and display important chemical substance and property information quickly and easily.

BEILSTEIN substance information includes the following:

- BEILSTEIN Registry Numbers
- CAS Registry Numbers®
- Chemical names
- Chemical properties
- Ecological properties
- Molecular formulas
- Pharmacological properties
- Physical properties
- Structures

### ***EU REACH compliance***

If your company is a manufacturer or importer of chemicals operating within the European Union (EU), BEILSTEIN on STN Easy can help you locate the type of information you need to comply with the EU regulatory legislation REACH (**R**egistration, **E**valuation, **A**uthorisation and **R**estriction of **C**hemicals).

You will find BEILSTEIN, along with several other relevant databases on STN Easy, to be a ready resource of accurate and comprehensive substance and property information, including hazards, safety procedures, and toxicological and environmental data.

### **USPATFULL and USPAT2 enhanced with patent assignment/reassignment information**

The complete history of assignments, reassignments, and related events for U.S. patents is now available in the U.S. Patents Original Publications (USPATFULL) and U.S. Patents Latest Publications (USPAT2) databases.

Displaying the Assignment/Reassignment Information (RAI) format, when available, provides information about patent assignment and reassignment events, including:

- MFN – Microfilm Frame Number of document at the U.S. Patent and Trademark Office (USPTO)
- MRN – Microfilm Reel Number of document at the USPTO
- PAO – Patent Assignee, Original
- RAA – Assignment/Reassignment Agent
- RAC – Assignment/Reassignment Company
- RAD – Assignment/Reassignment Date
- RAK – Assignment/Reassignment Kind
- RAUP – Assignment/Reassignment Update Date
- RAXD – Assignment/Reassignment Execution Date

The Indented Assignment/Reassignment Information (IRAI) format is also available. It offers RAI information indented with text labels.

RAI and IRAI data is included in the MAX and IMAX display formats, respectively, and is available for custom display. Individual fields including RAI and IRAI data may also be custom displayed.

Because the source for RAI data goes back only to 1980, the U.S. Patents Pre-1976 (USPATOLD) database does not include this data.

Additional fees are charged for displaying RAI and IRAI data in USPATFULL and USPAT2. For price information, enter HELP COST at an arrow prompt (=>) in the database.

### **DGENE, USGENE, and PCTGEN – Enhancements for exact sequence searching with RUN GETSEQ**

The number of sequences in the biosequence databases DGENE, USGENE and PCTGEN is growing exponentially. To cope with this, the answer number limit for sequence code match (SCM) searches run with a GETSEQ command has been increased to 250,000 answers in the these three files.

Additionally, an adapted free-of-charge HIT (with the synonym ALIGN) display format has been made available. You may now benefit from extended system limits and a chance to scan large answer sets cost-effectively for relevant hits after sequence code match (SCM) searching.

## **Training Opportunities and Updates**

### Hands-on Workshops

The STN Agency offers all public training courses **free of charge**, but we do reserve the right to cancel courses if there is insufficient interest. We will give you notice of any cancellation at least a week in advance, and ask that you let us know if you have to cancel after registering.

## July

- 8 Introduction to Chemistry searching on STN Cambridge  
9 Structure searching on STN Cambridge

## August

- 11 STN Refresher Cambridge  
12 Setting up Alerts on STN Cambridge

## September

- 16 Introduction to Basic command Searching on STN Cambridge  
17 Searching in Derwent World Patents Index, including Chemistry Resource (DCR) Cambridge

### [Registration Form:](#)

*All full-day sessions will run from 10.00am to 3.30pm*

### CAS and FIZ e-Seminars

Live, interactive, web-based seminars bringing professional training to your desktop, each one hour long.

See: <https://casevents.webex.com/casevents/mywebex/default.php> for a list of CAS 2009 broadcasts and links to the registration page for the following:

- 9 July at 2.00pm Performing Effective Freedom to Operate Searches on STN  
13 August at 2.00pm Retrieving Regulatory Information on STN

See: <http://www.stn-international.com/e-seminars.html> for a list of FIZ 2009 broadcasts and links to the registration page for the following:

- 18 June at 2.00pm Navigating INPAFAMDB – easy recipes to get relevant reports  
14 July at 2.00pm Finding Legal Status information on STN

### And Finally ...

Please contact us if you have any comments or questions arising from this newsletter:

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