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# MESSENGER COMMAND SUMMARY CHART

FOR BIBLIOGRAPHIC AND  
FULL-TEXT DATABASES

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<b>MESSENGER COMMANDS (OVERVIEW)</b>
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<p>Enter the STNindex for files or clusters</p> <p>Enter a file or cluster</p> <p>Perform a search</p> <p>Look at the index around a term</p> <p>Display answers</p> <p>Analysis of records to create E#-Terms</p> <p>Search automatically selected terms</p> <p>Statistical analysis of records</p> <p>Table display of extracted</p> <p>Print answers offline or electronic</p> <p>End the online session</p> <p>Save an L-numbered query</p> <p>Recall saved queries (/Q), saved answer sets (/A) or L-number lists (/L)</p> <p>Automatic search of a stored query</p> <p>Delete</p> <p>Create a search profile</p> <p>Edit of E#-/L#-number lists, SDIs or search queries</p> <p>Online Ordering of original documents</p> <p>Display current online news</p> <p>Request online help</p> <p>Set various system or terminal parameters</p> <p>Sort of answer sets</p> <p>Relevance ranking of answers</p> <p>Identify or remove duplicate answers</p> <p>Search or sort patent family members</p> <p>Send of electronic messages</p> <p>Read electronic messages</p> <p>„Keep &amp; Share“ program</p>	<p><b>INDEX INSP COMPE</b></p> <p><b>FILE CAPLUS</b></p> <p><b>SEARCH LASER</b></p> <p><b>EXPAND MILLER/AU</b></p> <p><b>DISPLAY L5 1-10 ALL</b></p> <p><b>SELECT</b></p> <p><b>TRANSFER</b></p> <p><b>ANALYZE</b></p> <p><b>TABULATE</b></p> <p><b>PRINT</b></p> <p><b>LOGOFF</b></p> <p><b>SAVE LASER/Q L12</b></p> <p><b>ACTIVATE LASER/Q</b></p> <p><b>SDI SOLAR/S</b></p> <p><b>DELETE</b></p> <p><b>QUERY</b></p> <p><b>EDIT</b></p> <p><b>ORDER</b></p> <p><b>NEWS</b></p> <p><b>HELP or ?</b></p> <p><b>SET</b></p> <p><b>SORT</b></p> <p><b>FOCUS L9</b></p> <p><b>DUPLICATE</b></p> <p><b>FSEARCH /FSORT</b></p> <p><b>SEND</b></p> <p><b>READ</b></p> <p><b>ARCHIVE</b></p> <p><b>REDISTRIBUTE</b></p>
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<b>PROMPTS</b>
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<p>System prompt for a command entry</p> <p>Subcommand prompt for certain commands</p> <p>Enter END at most colon prompts to exit the command ( : ) and return to an arrow prompt ( =&gt; )</p>	<p><b>=&gt;</b></p> <p><b>:</b></p> <p><b>END</b></p>
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<b>STNINDEX</b>
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**INDEX**  
**IND**

<p>Enter STNindex and identify the files or cluster</p> <p>Enter the default cluster which was set by SET DCLUSTER</p> <p>Assign a cost center</p> <p>View ranked search results in hit order</p>	<p><b>INDEX BIOSCIENCE</b></p> <p><b>IND</b></p> <p><b>IND ELECTRICAL COST=ABC123</b></p> <p><b>DISPLAY RANK</b></p>
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## FILE

**FILE****FIL**

ENTER DATABASE (FILE) FOR SEARCH, DISPLAY AND PRINT.  
DEFAULT FILE: HOME

Access the CAPLUS file  
Access the INSPEC file  
Access the COMPENDEX file  
Assign a cost center for the monthly invoice (up to 40 characters)  
Multifile searching  
  of the cluster 'PATENTS'  
  add or remove files from a cluster  
  of an user-defined cluster  
Enter the multiple files that have an L-number answer set in  
the current session  
Open the current file(s) only  
Enter files with hits from multifile search  
Enter the files of the ranked list from a search in STNindex

**FIL CAPLUS**  
**FIL INSPEC**  
**FIL COMPEN**  
**FIL INPADOC COST=SMITH**  
**FIL INSPEC ENERGY COMPENDEX**  
**FIL PATENTS**  
**FIL PATENTS CA -USPATFULL**  
**FIL .OWNCLUST**  
**FIL SESSION**  
  
**FIL CURRENT**  
**FIL HITS**  
**FIL F1-F5**

## SEARCH

**SEARCH****SEA****S**

## SEARCH TERMS

Search in the Basic Index (default)  
Search in specific field(s) (no limit on number of fields)

Adding field codes to Lnumbers

Search a term which includes an operator or reserved symbol  
(such as '(' or ')')

**S TITANIUM**  
**S COAL/CC**  
**S ENZYME?/TI,CT**  
**S L5/TI**  
**S 'CU((NO)3)2.2.5H2O'/ET**  
**S 58!68661/PN**  
**S PLASMID 'AND' EPISOME/CT**

## SEARCH WITH BOOLEAN AND PROXIMITY OPERATORS

## ORDER OF PRECEDENCE:

(W) = (NOTW) = (A) = (NOTA) > (S) = (NOTS) > (P) = (NOTP) > (L) = (NOTL) > AND = NOT > OR

## BOOLEAN OPERATORS

Search with OR in specific field  
Search with OR and set numbers  
Search with AND in specific fields  
Search with AND and set numbers  
Search with AND, OR, and NOT  
Search with shorthand OR for series of L- or E-numbers

**S (PYROLYSIS OR THERMOLYSIS)/TI**  
**S L10 OR L15**  
**S SIEMENS/CS AND WIRE?/TI**  
**S L4 AND L5**  
**S L9 AND (HEAT OR THERMAL) NOT JP/CY**  
**S L9-L15 OR L22 OR E3-E12**  
**S L9-15,L22,E3-12**

## SEARCH cont.

## PROXIMITY OPERATORS

Search input phrases with implied proximity  
Search for adjacent terms, in the order specified

Search for terms excluding adjacent terms ("NOT proximity"),  
in the order specified  
Search for terms, *n* or *fewer* words apart, in the order specified,  
e.g. *n*=3  
Search for terms in the order specified but with any number of  
intervening words  
Search for adjacent terms, either order  
Search for terms, *n* or *fewer* words apart, either order, e.g. *n*=2  
Search for terms in the same sentence, e.g. search for pairs of  
descriptors (database dependent)  
Search for terms in the same information unit (e.g., index entry,  
title, keyword phrase, database dependent)  
Search for terms in the same paragraph ( full-text and numerical  
files, database dependent)  
Search answer set numbers (searched in BI) with proximity  
operators

## TRUNCATION

Search with right truncation  
- any number of characters, including none  
- zero or one character at the end of term  
- three, two, one or zero characters at the end of term  
Search with character masking (! = exactly 1 character)

Search with truncation and character masking

Search with left truncation (file-dependent)

## SEARCH STEPS

L-numbers for all search terms

Search steps of an L#

## SEARCH A SPECIFIC TIME PERIOD ONLY

Search in one year period of a file only  
Search a range of CA publication years  
Search from the beginning of the file through a specific CA vol.  
Search from the beginning of a CA collective index to the end of  
the file

Combining text search and numerical range search (file  
dependent, e.g. in INSPEC)

Search specific ranges in certain fields (file-dependent)

## SEARCH WITH THESAURUS TERMS

Search thesaurus term incl. all associated terms (file dependent)  
Search thesaurus term incl. narrower and old terms

## SEARCH EXTRACTED TERMS (see TRANSFER)

Extract terms from a display field of an answer set and search  
them, all in one step  
You can search terms in a different field

**S SALT WATER FISH**  
**S ALK?(W)EARTH(W)METAL?**  
**S (AIR OR WATER OR SOIL)(W)POLLUT?**  
**S APPLE (NOTW) TREE**  
**S (SIEMENS(NOTS)BOSCH)/PA**  
**S AMINAT?(3W)CATALYS?**

**S LASER?(XW)MONITOR?**

**S SHALE(A)OIL**  
**S (FLOW(2A)FLUID)/TI,CC**  
**S (LASERS(S)REVIEWS)/CT**

**S 9002-88-4(L)TUBING**

**S OPTICAL(P)STORAGE**

**S L5(W)L17**

**S THERMOELEC?**  
**S AMETHRYN#**  
**S PYRIDIN###**  
**S FULV!NIC ACIDS/CT**  
**S SULF!!YL**  
**S SULF!N!!**  
**S PROPELL!NT?**  
**S ETH!N##**  
**S ?DYNAMICS**  
**S ?MAGNET?**

**S STEPS ROSE? AND PERFUME?**  
**S STE LASER##(W)MACHIN?**  
**S LASER##(W)MACHIN? STEPS**  
**S L30 STE**

**S POLYMERIZATION/CT RANGE=1975**  
**S 9002-88-4 RAN=1980-1982**  
**S ELECTRET? RAN=(,V76)**  
**S L23 RAN=(10CI,)**

**S SUPERCONDUCT? AND 77-110/T**

**S 1982-1984/PY**  
**S 1982<=PY<=1984**

**S MARS+ALL/CT**  
**S MIGMATITES+NT,OLD/CT**

**TRANSFER L3 PN**  
**TRA L10 IN /AU**  
**TRA L3 1-50 CN WITH "LEXAN"**  
**TRA L5 PA NOT "UNI"**

<b>QUERY</b>
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**QUERY****QUE**

CREATE SEARCH PROFILE WITHOUT EXECUTING THE SEARCH

Create an L-numbered query which can be used in another search later in the session

**QUE PAPER OR PULP OR TEXTIL?**

<b>EXPAND</b>
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**EXPAND****EXP****E**

DISPLAY ALPHABETICAL INDEX.

Term entered by user is always under E3. Default is 12 terms; limit is E999

Expand in a specific field

Expand in several fields (maximum 3)

Expand in Basic Index (BI)

Expand backwards; also valid for E-numbers

Expand in a specific field with a specific number of terms  
(range is 5 - 25)

Expand with left-truncation in specific files

Expand in thesaurus with all associated terms being shown

Expand in thesaurus using current E-number, all narrower terms being shown

Continue expand for 12 additional terms

Continue expand for n additional terms(n=5-25)

Search a term from expand list

Search a range of terms from expand list

Search individual terms from expand list

Search E-numbers with a new field code

Continuous numbering in EXPAND lists

**E LAWSON, C/AU****E ENERGY/BI,JT,CC****E HEAT****E BACK METALS****E BACK E1****E CORROSION/TI 20****E LEFT DYNAMIC****E RHINE GRABEN+ALL/CT****E E6+NT****E****E 18****S E6****S E8-E15****S E2 OR E8 OR E11****S E2,E8,E11****S E2-E8/ICM****SET EXPAND CONTINUOUS**



<b>DISPLAY</b>
----------------

**DISPLAY****DIS****D**

DISPLAY SEARCH RESULTS.

Defaults (file dependent): Last answer set, first answer, BIB FORMAT in bibliographic files

Display, taking all defaults

Display, specifying answer number(s) and format

Display entire answer set

Display, specifying all parameters

Display a user defined format .XX

Display with no highlighting

**D****D 2-6 ALL****D 1,5,7-9 TRIAL****D L2 TOTAL BIB****D L3 5-7 AN TI AB AU SO****D L7 1-10 .XX****D L7 1-10 NOH**

## DISPLAY BROWSE

Display specific L-number in Browse Mode

Display answers 1 to 10 in default format

Change the default format to TI (titel); no answer is displayed

Display specific fields of the last answers

TAG records (for later SORTing)

UNTAG records

Exit DISPLAY BROWSE

**D BRO L5****:1-10****:\*TI****:BIB AB****:TAG 5 8-15****:UNTAG 12****:END**

## ENHANCED DISPLAY BROWSE IN FULL-TEXT FILES

(file dependent)

Moves forward n fields ( n=1,2,3...)

Moves backward n fields

Searches forward for a character string

Searches backward for a character string

**:Fn****:Bn****:S CARBON-13****:S- MATRIX**

## FORMATS WITH HIT-TERM HIGHLIGHTING

List of display fields containing the hit-terms

All fields containing the hit-terms, but nn words (nn=0...50; default 20) before and after hit-term

**D OCC****D KWIC****D KWIC=nn**

All fields containing hit-terms

**D HIT****D HITRN**

## DISPLAY DOCUMENT RECORDS

Display by entering ACCESSION NUMBER(s)

with or without ACC

or REGISTRY NUMBER(s)

in a specific format

**D ACC 85(22):118027 ALL****D 85:118027,84:4520****D 51-81-0****D 7777-77-7 IN MF REF**

## DISPLAY cont.

## DISPLAY SESSION HISTORY

Display entire session (short form)

Display entire session (long form)

Display entire session (long form) without file banner information

Display one L-number

Display a range of L-numbers

Display L-numbers from L5 to the end

Display all L-numbers up to L12

Display current L-number

Display last 3 L-numbers

**DISPLAY HISTORY BRIEF****D HIS****D HIS FULL****D HIS NOFILE****D HIS L3****D HIS L2-L10****D HIS L5-****D HIS -L12****D HIS L#****D HIS 3**

## DISPLAY SAVED ITEM NAMES

Display all saved answer sets, queries

Display all saved queries

Display all saved answer sets

Display all saved L-numbers

Display all SDI requests

Display information for a specific saved item by entering its name

**D SAVED****D SAVED/Q****D SAVED/A****D SAVED/L****D SAVED/S****D BOEHM/Q****D NALAXON/A****D NEUTRON/S**

Display information for a specific SDI by entering its name

## DISPLAY QUERY DEFINITION

Display the search profile which created an L-number

**D QUERY L8**

Display offline print request status (Current session only)

**D PRINT**

Display list of cluster names

List of files in a specific cluster

Display the current cluster

List of files for all clusters

**D CLUSTER****D CLUSTER BIOSCIENCE****D CLUSTER CURRENT****HELP CLUSTER NAMES**

Display the search costs (in the currency requested on user contract)

**D COST**

Display the list of user defined formats

**D FORMAT**

View ranked search results in STNindex

Display the file banners of the current file environment

**D RANK****D BANNER**

## DISPLAY SET PARAMETERS

Display a list of all set parameters

Display the settings of a specific parameter

Display a list of all changed set parameters

**D SET****D SET DFORMAT****D SET CHANGED**

## DISPLAY SELECT / EXPAND

Display any E-numbered list of terms created

Display by the EXPAND, SELECT or EDIT commands (default ALL E-numbers (!))

Display a single E-number

Display selected E-number(s) and ranges

Display E-numbers from E100 to the end of list

Display E-numbers up to E30

**DISPLAY SELECT ALL****D SEL or D EXP****D SEL E10****D SEL E1-E4, E10, E15-E25****D SEL E100-****D SEL -E30**

<b>SORT</b>
-------------

**SORT****SOR**

SORTING ANSWERS ONLINE (limited to 50,000 answers, 5 fields)

Sorting

Ranking search results in hit term occurrence

Sort tagged records (see DISPLAY BROWSE)

Use sorted L# in a search command

**SORT L5 CS AU 1-300**

**SOR OCC L19 1-250**

**SORT TAG L5 TI**

**S L6 AND PY>1994**

<b>DUPLICATE</b>
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**DUPLICATE****DUP**

DUPLICATE COMMAND

Identifying duplicate citations of answers

Remove duplicate citations

but keep duplicates from specific files( e.g. IFIPAT CA)

Creating a set of only duplicates

Sort answers in file order

Search L# from a DUPLICATE

**DUP L1-L3 IDE**

**DUP REM L5 L6 L3**

**DUP REM L5 L6 L3 IFIPAT CA**

**DUP ONLY L5 L6 L8**

**SET DUPORDER FILE**

**S L9**

<b>FOCUS</b>
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**FOCUS**

Arrange the answers in relevance order

**FOCUS L8**

<b>FSORT</b>
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**FSORT****FSD**

FSORT to group patents by invention (for any L-number from a search containing patents)

Display 1 record from each of the patent families in default format

**FSORT L5**

**D PFAM=1-**

<b>FSEARCH</b>
----------------

**FSEARCH****FSE**

Search and sort automatically patent families (using PN, AP, PRN)

Search by PN, AP, E-numbers, or any L-number from a search containing patents

**FSEA L5**

**FSEARCH EP262334/PN**

<b>SELECT</b>
---------------

**SELECT****SEL**

CREATING LISTS OF SEARCH TERMS FROM EXISTING ANSWER SETS

Extracting terms from specified fields of specified answers (Answer set L# or SmartSELECT L#. The terms are ordered from most frequently occurring to least frequently occurring)	<b>SEL L17 1-25 CT</b>
Select the CAS RNs from a file-crossover from REGISTRY to CA or use D HITSTR to display the chemical structure of hit RNs	<b>SEL HIT RN 1-200</b>
Select the reference data from source documents and convert them to a citation format for searching in SCISEARCH	<b>SEL CIT</b>
To see the created list of E-numbers	<b>DISPLAY SELECT</b>
See DISPLAY SELECT	<b>D EXP</b>
SELECT terms containing a given string in all answers in an answer set in the default field (1-20 characters)	<b>SEL L3 1- WITH "OXID"</b>
SELECT only terms in a spec. answer in an answer set in a spec. field that do not contain a given string	<b>SEL L5 TI NOT "ODOR"</b>
SELECT the given first n characters of terms (truncated) in the default field in the first answer in the last answer set created	<b>SEL LEN 6</b>

<b>TRANSFER</b>
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**TRANSFER****TRA**

CROSSFILE SEARCHING WITH EXTRACTED DATA

Keywords see also SELECT

**TRANSFER L21 PN**  
**TRA L21 TOP 30 WITH "US" PRN /PRN,AP**

<b>ANALYZE</b>
----------------

**ANALYZE****ANA**

## STATISTICAL ANALYSIS

SELECT the field(s) and record(s) (up to 50,000 records)

See all extracted terms, the number of times they occur, the number of documents in which they occur, and the percentage of documents in which they occur, ordered by occurrences

See the *n* most highly posted extracted terms, e.g. *n=20* (the default is to display the top 10)

See extracted terms that occur greater than *x* times

See the extracted terms that occur in greater than *x* of the documents

See the extracted terms that occur in greater than *x* percent of the documents

See the top 10 extracted terms from one of the fields selected

See the 10 extracted terms that contain a specified character string

See the 10 extracted terms that do not contain a specified character string

Display the information for all terms in a delimited format, for downloading; separator semicolon

See the answer numbers for the top 10 terms

See the top 10 terms with the field code appended

See the first 10 extracted terms sorted by document count

See the first 10 extracted terms sorted by their percent

See all extracted terms sorted alphabetically

See again the first 10 extracted terms sorted by occurrence

See all extracted terms

**ANALYZE PA IN L5 1-30000****D 1-****D TOP 20****D****D OGT 5****D DGT 7****D PGT 50****D %GT 50****D PA****D WITH "CABLE"****D NOT "CABLE"****D 1- DELIMITED****D ANSWERS****D DETAIL****D DOCUMENT****D PERCENT****D ALPHABETIC 1-****D OCC****D ENTIRE****D 1-**

<b>TABULATE</b>
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**TABULATE****TAB**

TABLE DISPLAY of extracted data of two display fields from the ANALYZE command (You will be prompted for sort order and direction)

Delimiter output for use by post processing applications (separator: semicolon)

**TABULATE L6 GRID PC TOP10 PA TOP5****TAB DEL L6**

## EDIT

**EDIT****EDI**

EDIT TERMS IN LISTS OF EXPAND-NUMBERS OR SmartSELECT L-NUMBERS, EDIT QUERIES AND SDI

Changing field codes in E-numbers	<b>EDIT E1-E40 /IN /IN,INS,PA,PAS</b>
Remove character, e.g. * in CT-field (* indicates main headings)	<b>EDI E1-E75 * ""</b>
Display the modified E-numbers (See DISPLAY SELECT)	<b>DISPLAY SELECT</b> <b>D EXP</b>
Edit ANALYZE/SmartSELECT L# -number lists combine term entries change term entry add a title	<b>EDIT L2 COMBINE</b> <b>EDIT L2 CHANGE 8</b> <b>EDIT L2 TITLE</b> <b>EDIT QUERY L7</b>
Editing a text query	
Edit all SDI parameters incl. edit the query Edit your SDI without editing the query (you will be prompted for all parameters)	<b>SDI EDIT ATOM/S</b> <b>SDI EDIT ATOM/S NOQ</b>

## SAVE

**SAVE****SAV**

PLACE ITEMS IN LONG-TERM STORAGE

Store the search profile (query) that creates an L-number	<b>SAV L12 BENZ/Q</b>
Store an L-numbered answer set (a copy of the search profile will also be saved)	<b>SAV L3 ALLELOPATH/A</b>
Store all queries of a session in an L-list	<b>SAVE ALL CARBON/L</b>
Store selected L-numbers in an L-List	<b>SAVE L3,L5-L10 RUBY/L</b>
Store a title with the saved item (system will prompt for the title)	<b>SAVE L15 IRON/Q TITLE</b>
TEMPORARY SAVE (will be deleted automatically after 7 days) of queries (also for answer sets or L-lists)	<b>SAVE TEMP L7 MOLYB/Q</b>

## ACTIVATE

**ACTIVATE****ACT**

ASSIGN L-NUMBERS TO SAVED ITEMS

Activate a query	<b>ACT BENZ/Q</b>
Activate an answer set	<b>ACT ALLELOPATH/A</b>
Activate an L-number list	<b>ACT CARBON/L</b>
Activate an SDI	<b>ACT NEUTRON/S</b>
Display answers from activated answer set (last L-number assigned in ACTIVATE step)	<b>D L2 1-3 IND</b>
Search activated query (any L-number)	<b>S L5</b>
Search a saved query	<b>S BENZ/Q</b> <b>S BENZ/Q AND (L5 OR IRON/Q)</b>

## SET

**SET**

## DEFINE TERMINAL AND SESSION PARAMETERS

Set parameter PERMANENT	<b>SET ... PERM</b>
Automatic searching of standard abbreviations plus full spelling form (file-dependent)	<b>SET ABBREVIATION ON</b>
Define a COST CENTER	<b>SET ACCOUNT</b>
Capture terms with no hits from SmartSELECT search	<b>SET AUDIT ON</b>
Set automatic help display for error messages	<b>SET AUHELP OFF</b>
Set AUTOSEARCH for search	<b>SET AUTOSEARCH ON</b>
Control the display of file banner information	<b>SET BANNER OFF</b>
Create own file cluster	<b>SET CLUSTER .OWNCLUST</b>
Define format of cost message	<b>SET COST BRIEF</b>
Suppress cost message after file changing	<b>SET COST OFF</b>
Set a default cluster for STNindex	<b>SET DCLUSTER PATENTS</b>
Set command to see detailed information for the EXPAND command in multiple files	<b>SET DETAIL ON</b>
Set user defined default display format	<b>SET DFORMAT .XX</b>
Set the order of answers for DUPLICATE	<b>SET DUPORDER FILE</b>
Set continuous numbering in EXPAND lists ON	<b>SET EXPAND CONTINUOUS</b>
Set renumbering for new EXPAND lists	<b>SET EXPAND RENUMBER</b>
Set user defined search format ".YY"	<b>SET FIELD .YY</b>
Set user defined display format ".XX"	<b>SET FORMAT .XX</b>
Scrolling during structure display (you cannot scroll graphics; only text)	<b>SET GRAPHICS TEXT</b>
Return to graphics display (and in addition SET PAG)	<b>SET GRAPHICS PLOT10; SET PAG</b>
Suppress display of structures in the REGISTRY file	<b>SET GRAPHICS OFF</b>
Return to structure display	<b>SET GRA ON</b>
Specify hit term highlighting ( file specific )	<b>SET HIGHLIGHTING OFF</b>
	<b>SET HIGH ON</b>
Set interpret line off for implied proximity	<b>SET INTERPRET OFF</b>
Set length for KWIC display format (0-50)	<b>SET KWIC 15</b>
Set format of cost message after LOGOFF	<b>SET LCOST FULL</b>
Specify maximum linelength for transmission (range 20-250; default 80)	<b>SET LINELENGTH 111</b>
Specify SET parameter to LOGIN values	<b>SET LIN 54</b>
Multifile with L# for a search in each file	<b>SET LOGIN</b>
Requesting cost estimates for DISPLAY or PRINT	<b>SET MSTEPS ON</b>
Adjusting pagelength on graph. terminals (range 8-99; default 33)	<b>SET NOTICE</b>
Scrolling on graphics terminals for text (alphanumeric) information	<b>SET PAGELENGTH 24</b>
Change your current STN Password	<b>SET PAG SCROLL</b>
Set any patent number format to DERWENT or STN format	<b>SET PASSWORD</b>
	<b>SET PATENT DERWENT</b>
Automatic plural creation	<b>SET PAT STN</b>
Show postings for each term (default)	<b>SET PLURALS ON</b>
Show only the number of postings for the final answer set	<b>SET POSTINGS ON</b>
Set a single or multiple answer(s) per page for PRINT	<b>SET POS OFF</b>
	<b>SET PRINT SINGLE</b>
	<b>SET PRINT MULTIPLE</b>
	<b>SET PROXIMITY</b>
Specify implied proximity between an L# and terms and/or another L#	<b>SET RANGE=1977-</b>
Specify portion of the file to be searched. Searches will be executed only in this time period until the RANGE is SET to another value or a FILE command is issued.	<b>SET RAN=9CI (only CA/CAPLUS)</b>
	<b>SET RAN=V92-V93 (only CA/CAPLUS)</b>
	<b>SET RAN</b>
If you do not want the REG1stRY automated search and cross-over to be invoked for the registry number search terms.	<b>SET REG1stRY OFF</b>
Set the automatic thesaurus relation code for SEA; EXP (see HELP RCODE)	<b>SET REL=ON</b>
Set renumbering L-numbers following an L-# deletion	<b>SET RENUMBER ON</b>
Use SET SELORDER to specify the order of the terms for more than one display (parameter are: OCC, DOC, PERCENT, ALPHA)	<b>SET SELORDER OCC</b>
Set user defined default search field .YY	<b>SET SEL PERCENT</b>
SEARCH STEPS during the whole session	<b>SET SEL DOC</b>
Return to normal search	<b>SET SFIELD .YY</b>
	<b>SET STEPS ON</b>
	<b>SET STE OFF</b>

## NEWS

**NEWS****NEW**

DISPLAY CURRENT INFORMATION ABOUT STN INTERNATIONAL NEWS

Display table of contents	<b>NEWS</b>
Display detailed information of news items	<b>NEWS 5 9-15</b>
Display latest news (updates) of a file	<b>NEWS FILE</b>
Display list of all files	<b>NEWS FILES</b>
Display hours of system availability	<b>NEWS HOURS</b>
Display login news messages	<b>NEWS LOGIN</b>
Display list of manuals available	<b>NEWS MANUALS</b>

## HELP

**HELP****?**

OBTAIN HELP WHILE LOGGED ON

Display general information about the help functions (enter at an arrow prompt)	<b>HELP</b>
Display list of general system HELP messages (enter at an arrow prompt)	<b>HELP MESSAGES</b>
Display list of commands available in current file	<b>HELP COMMANDS</b>
Information about system limits	<b>HELP LIMITS</b>
Online pricing information for all STN files	<b>HELP PRICE</b>
STN Usageterms	<b>HELP USAGETERMS</b>
Display list of files current available	<b>HELP FILE NAMES</b>
Display file-specific HELP messages for current file	<b>HELP DIRECTORY</b>
File specific help in a multiple file	<b>HELP SFIELDS FILE=INSPEC</b>
Enter HELP or ? at the next prompt after an error message for an explanation of the error or SET automatic help (see SET AUHELP).	
Enter HELP or ? at any prompt (=> or sub- command) for a list of options	<b>? SEARCH</b> <b>? DISPLAY</b>

## CANCEL INPUT

**\$**

Instruct system to ignore previous input at the current prompt. Continue on the same line, or press <carriage return> for another prompt.	<b>S HONES/AU \$ S JONES/AU</b>
---	---------------------------------

## TAKE THE DEFAULT

**.**  
*TAKE THE DEFAULT (user input underlined)*

To take the default, which is always shown in parentheses, enter '.' (period) followed by <carriage return>.	<b>=&gt; DELETE P210049D</b> <b>DELETE P210049D? (Y)/N:.</b>
--	---



**COMMAND STACKING**

;

commands are separated by a semicolon

*FIL BIOS ; S TOXIC? AND DIOXIN ; DIS TI*

**LOGOFF**

**LOGOFF**

**LOG**

STOP THE ONLINE SESSION

Logoff with confirmation prompt (Y/N)

Logoff in one step

Logoff with hold of the session for 60 minutes

*LOGOFF*

*LOG Y*

*LOG HOLD*

**DELETE**

**DELETE**

**DEL**

DELETE SAVED AND CURRENT-SESSION ITEMS

Delete offline print (current session only)

Delete document order (current session only)

Delete all L-numbers, restart session at L1

Delete specific saved query

Delete specific saved answer set

Delete specific L-number list

Delete specific SDI request

Delete group of saved items

*DEL P123001C*

*DEL D156009C*

*DEL HISTORY*

*DEL BENZ/Q*

*DEL ALLELOPATH/A*

*DEL CARBON/L*

*DEL NEUTRON/S*

*DEL SMITH?/A*

Delete all saved queries for your loginid

Delete all saved answer sets for your loginid

Delete all saved L-number lists

Delete all saved SDI requests

Delete all saved queries, answer sets and L-number lists for your loginid

Delete all E-numbers created by SELECT short form

Delete a user defined display format .XX

Delete last L-number or ranges including

*DEL SAVED/Q*

*DEL SAVED/A*

*DEL SAVED/L*

*DEL SAVED/S*

*DEL SAV*

*DEL SELECT*

*DEL SEL Y*

*DEL .XX*

*DEL L15*

*DEL L12-L15*

*DEL LAST 3*

*DEL L1 L3 RENUMBER*

Delete the last x L-numbers

Delete L-numbers with renumber option

ORDER

**ORDER**

**ORD**

ONLINE DOCUMENT ORDERING, STN will prompt you for all required information

Order from a specific supplier

**ORDER CAS**

**ORDER FIZ**

List all suppliers

**HELP ORDER SUPPLIER**

Information on a specific supplier

**HELP ORDER FIZ**

Short form

**ORDER FIZ L3 2 BILL NOA**

Example (novice version)

=> **ORDER FIZ**

PLEASE ENTER YOUR NAME AND PHONE, TELEX, OR TELEFAX NUMBER

: **SCHNEIDER, WILHELM, TEL. (0221)1234567**

ENTER CUSTOMER NO. ASSIGNED BY SUPPLIER OR (NONE): **Z 5432**

MAILING ADDRESS =        FIRMA SCHNEIDER  
                                  ABT. DOKUMENTATION  
                                  KARLSTR. 5  
                                  D-50000 KOELN

MODIFY MAILING ADDRESS? (N) or Y: .

ENTER METHOD OF PAYMENT: (BILL) OR OTHER: **BILL**

URGENT DELIVERY? Y/(N): **Y**

ENTER METHOD OF SHIPPING (STANDARD) OR OTHER: **OTHER**

ENTER METHOD OF SHIPPING OR (END): **FAX**

ENTER METHOD OF SHIPPING OR (END): .

ENTER (L5), L#, ACC, OR BIB : **L3**

ENTER ANSWER NUMBER(S), RANGE, OR (END): **2**

ENTER REMARKS OR (NONE): .

DOCUMENT ORDER NUMBER D004070K ASSIGNED TO ANSWER '2' OF 'L3'

ENTER ANSWER NUMBER(S), RANGE, OR (END): .

ORDER COMMAND COMPLETE

The fulltext hyperlink in the display can be used instead of => **ORDER FIZ!**

## STNMAIL

Open the STNMail-System  
 Setup a STNMail-ID  
 Send a mail to the HELPDESK in Karlsruhe  
 Read a mail  
 Read all new mails  
 Read the public directory  
 Download SDI records sent by PRINT EMAIL  
Example:

**FIL STNMAIL**  
**SET MAILID**  
**SEND HLPDESKK**  
**READ MAIL**  
**READ MAIL NEW**  
**READ PUBLIC**  
**READ MAIL**

```
=> REA MAI
3 MESSAGES 0 UNREAD IN MAIL

1 PRI 3K (SIEMS, CLAUS DIE 05/06/1998 1-3 PATDPA ALL GI
3 IMAGES; 19,472 BYTES
```

```
:dow kerm 1
ENTER FILE NAME OR (END):testpat
:end
```

Delete email messages:  
Example:

```
=> read mail
4 MESSAGES 3 UNREAD IN MAIL

1 PRI 3567K (Smith, A 09/28/2000 1-1 WPINDEX ALLG
2*PRI 3567K (Smith, A 10/10/2000 1-1 WPINDEX ALLG
1 IMAGE; 3,076 BYTES
3*PRI 3567K (Smith, A 10/10/2000 1-1 WPINDEX ALLG
1 IMAGE; 7,150 BYTES
4*PRI 3567K (Smith, A 10/10/2000 1-1 WPINDEX ALLG
1 IMAGE; 5,012 BYTES

ENTER (VIEW), ANSWER, FORWARD, MOVE OR ?:del 1
ENTER (VIEW), ANSWER, FORWARD, MOVE OR ?:end
0 MESSAGES MOVED 1 MESSAGES DELETED
OK TO DELETE? (Y)/N?:y
```

```
=> read mail
3 MESSAGES 3 UNREAD IN MAIL

1*PRI 3567K (Smith, A 10/10/2000 1-1 WPINDEX ALLG
1 IMAGE; 3,076 BYTES
2*PRI 3567K (Smith, A 10/10/2000 1-1 WPINDEX ALLG
1 IMAGE; 7,150 BYTES
3*PRI 3567K (Smith, A 10/10/2000 1-1 WPINDEX ALLG
1 IMAGE; 5,012 BYTES
4*PRI 3567K (Smith, A 10/10/2000 1-1 WPINDEX ALLG
1 IMAGE; 5,012 BYTES

ENTER (VIEW), ANSWER, FORWARD, MOVE OR ?:del 1-2,4
ENTER (VIEW), ANSWER, FORWARD, MOVE OR ?:end
0 MESSAGES MOVED 3 MESSAGES DELETED
OK TO DELETE? (Y)/N?:y
```

More information about STNMAIL see in the summary sheet for "STNMAIL", online in STNGUIDE (free of charge) and in the "GUIDE TO COMMANDS".

<b>PRINT</b>
--------------

**PRINT****PRI**

PRINTING CITATIONS OFFLINE OR EMAIL (see also „Keep and Share Program“ page 21)

EXAMPLES:

PRINT command with prompting for all information

```
=> PRINT
ENTER (L4), L#, OR ACCESSION NUMBERS:L3
L3 CONTAINS 543 ANSWERS CREATED ON 19 MAR 99 AT
11:55:33
ENTER METHOD OF DELIVERY (OFFLINE), OR EMAIL:
MAILING ADDRESS = DR C SMITH
                    ABC CHEMICAL CO
                    88 NAPHTALENE RD
                    COLUMBUS, OH 43229
CHANGE MAILING ADDRESS? (N)/Y: Y
ENTER (END) OR NAME: DR J JONES
ENTER (END) OR ADDRESS: ABC CHEMICAL CO
ENTER (END) OR ADDRESS: 666 BENZENE AVE
ENTER (END) OR ADDRESS: COLUMBUS, OH 43215
ENTER (END) OR ADDRESS:
MAILING ADDRESS = DR J JONES
                    ABC CHEMICAL CO
                    666 BENZENE AVE
                    COLUMBUS, OH 43215
CHANGE MAILING ADDRESS? (N)/Y:
PRINT ENTIRE ANSWER SET? (Y)/N: N
ENTER ANSWER NUMBER OR (END): 1-4,7,10
ENTER PRINT FORMAT (BIB) OR?:
6 ANSWERS PRINTED FOR REQUEST NUMBER P293022P
```

Shorter form of the PRINT command

```
=> PRINT L13 1-4 BIB IND OFFLINE
L13 CONTAINS 4 ANSWERS CREATED ON 20 MAR 99 AT
09:57:26
MAILING ADDRESS = G W SCHMIDT
                    203 WEST AVE
                    BOISE, ID 82302
CHANGE MAILING ADDRESS? (N)/Y:
4 ANSWERS PRINTED FOR REQUEST NUMBER P305010Y
```

Shorter form of the PRINT command with  
KEEP&SHARE (e.g. archive for 13 users and  
distribute for 7 users)

```
=> PRINT L3 1-5 BIB IND OFFLINE ARCH REDI
L3 CONTAINS 280 ANSWERS CREATED ON 23 FEB 2000 AT
19:17:01
ENTER NUMBER OF USERS FOR ARCHIVE:13
ENTER NUMBER OF COPIES FOR REDISTRIBUTION:7
MAILING ADDRESS = DR J JONES
                    ABC CHEMICAL CO
                    123 BENZENE AVE
                    COLUMBUS, OH, 43215
CHANGE MAILING ADDRESS? Y/(N):
5 ANSWERS PRINTED FOR OFFLINE REQUEST NUMBER
P054127C
```

## PRINT cont.

- Use of 'NOA' on the command line to suppress the mailing address prompt or enter 'NOF' to suppress the file information pages ( e.g. for multiple files)  
 Specify in a PRINT command that either SINGLE or MULTIPLE answers be printed per page  
 Add a title to the query page of the offline print. (up to five lines with 40 characters)
- Print the citations via EMAIL into the STNMAIL box  
 You will be prompted for the mailid (default your own). Graphics are included, use DOW KERM to get the results via STNMail.
- Electronic delivery of prints to an internet mailid (Please enter as mailid: '*internet-ID*'.*internet* Without graphic renderings of structures and images!
- Use an internet-ID and you get an HTML e-mail message containing hyperlinks to the results. The links remain valid for 90 days from the date STN sends the e-mail to the recipient. The links offer choices of retrieving the answers in the following formats:  
 - RTF (Rich Text Format)  
 - PDF (Adobe Portable Document Format)  
 - Self-Extracting or Zipped HTML (Hypertext - Markup Language)  
 - Plain Text (ASCII)  
 In all formats except Plain Text, the Full Text link associated with each reference record will be available, enabling the recipient to access the full text of the original document through the ChemPort Connection.
- => **PRINT L6 1-100 ALL NOA NOF OFF**  
 L6 CONTAINS 100 ANSWERS CREATED ON 19 MAR 99 AT 07:54:55  
 100 ANSWERS PRINTED FOR REQUEST NUMBER P305012A
- => **PRINT L3 SINGLE**
- => **PRINT TITLE L1 1-75 NOA**  
 L1 CONTAINS 233 ANSWERS CREATED ON 20 MAR 99 AT 09:32:26  
 ENTER (END) OR TITLE LINE: **LIQUID CRYSTALS**  
 ENTER (END) OR TITLE LINE: .  
 75 ANSWERS PRINTED FOR REQUEST NUMBER P112280K
- => **PRINT L3 1-200 BIB EMAIL**
- => **PRINT**  
 ENTER (L1), L#, OR ACC: .  
 L1 CONTAINS 125 ANSWERS CEATED ON 22 NOV 99 AT...  
 ENTER METHOD OF DELIVERY (OFFLINE) , OR EMAIL: **email**  
 ENTER EMAIL ID (3K): **xxxx@company.uk.internet**  
 XXXX.@COMPANY.UK.INTERNET  
 RECEIVE DELIVERY NOTIFICATION? (Y)/N: **y**  
 PRINT ENTIRE ANSWER SET (Y)/N: **y**  
 ENTER PRINT FORMAT (BIB) OR ?.:  
 125 ANSWERS PRINTER FOR EMAIL REQUEST NUMBER E326379K
- => **PRINT**  
 ENTER (L1), L#, OR ACC: .  
 L1 CONTAINS 125 ANSWERS CEATED ON 22 NOV 99 AT...  
 ENTER METHOD OF DELIVERY (OFFLINE) , OR EMAIL: **email**  
 ENTER EMAIL ID (3K): **xxxx@company.uk**  
 XXXX.@COMPANY.UK  
 RECEIVE DELIVERY NOTIFICATION? (Y)/N: **y**  
 PRINT ENTIRE ANSWER SET (Y)/N: **y**  
 ENTER PRINT FORMAT (BIB) OR ?.:  
 125 ANSWERS PRINTER FOR EMAIL REQUEST NUMBER E326379K

## SDI

**SDI**

SDI SERVICE (see also „Keep and Share Program“ page 21)

Enter 'SDI' in file of choice and you will be prompted for all required information.

EXAMPLE:

=> **SDI**

ENTER QUERY L# FOR SDI REQUEST OR (END):**L1**  
 ENTER UPDATE FIELD CODE (UP) OR ?.:  
 ENTER SDI REQUEST NAME, (AA001/S), OR END:**NEUTRON/S**  
 ENTER COST CENTER (NONE) OR NONE.:  
 ENTER TITLE (NONE):**NEUTRON**  
 ENTER METHOD OF DELIVERY (OFFLINE), ONLINE, OR EMAIL.:  
 MAILING ADDRESS = M.M. SMITH  
 INFORMATIONSDIENST  
 MUELLER KG  
 D-80000 MUENCHEN  
 CHANGE MAILING ADDRESS? (N)/Y.:  
 ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N):**Y**  
 ENTER PRINT FORMAT (BIB) OR ?.:  
 HIGHLIGHT HIT TERMS? (Y)/N:**N**  
 ARCHIVE ANSWERS? Y/(N):**Y**  
 ENTER TOTAL NUMBER OF USERS OF ARCHIVED RECORDS (?):**4**  
 REDISTRIBUTE ANSWERS? Y/(N):**Y**  
 ENTER TOTAL NUMBER OF COPIES FOR REDISTRIBUTION (?):**5**  
 PRINT FILE BACKGROUND INFORMATION? N/(Y):**N**  
 PRINT MULTIPLE ANSWERS PER PAGE? N/(Y):**N**  
 ENTER MAXIMUM NUMBER OF HITS TO BE PRINTED PER RUN (100):**200**  
 SORT SDI ANSWER SET (N)/Y?:**Y**  
 ENTER SORT FIELDS AND SORT DIRECTION, OR (?):**JT**  
 SEND SDI WITH NO ANSWERS? (Y)/N:**Y**  
 DISPLAY CURRENCY INFORMATION? (Y)/N.:  
 ENTER SDI RUN FREQUENCY - DAILY, (WEEKLY), BIWEEKLY, OR ?.:  
 ENTER SDI EXPIRATION DATE 'YYYYMMDD' OR (NONE):.  
 QUERY L1 HAS BEEN SAVED AS SDI REQUEST 'NEUTRON/S'

Shorter form of the command above: Messenger will prompt you  
 for the address if you enter BOTH (=offline+online) or MAIL.  
 Assign one title line to your SDI

**SDI L2 NEUTRON/S EMAIL BIB 200 SINGLE**

**SDI LASER/S OFFLINE ALL 100 L5 TITLE**

See the detailed parameters for a specific SDI

**D LASER/S**

Edit all SDI parameters and query  
 even for multiframe SDI

**SDI EDIT LASER/S**  
**SDI EDIT MACULA/S MFILE**

**Electronic delivery of SDI-results:**

in your STNMail box  
(Graphics are included, use DOW KERM to get the results via STNMail) ...  
ENTER METHOD OF DELIVERY ....**email**  
ENTER EMAIL ID (4K):.

in your Internet mail box  
(Without graphic renderings of structures and images!) ...  
ENTER METHOD OF DELIVERY ....**email**  
ENTER EMAIL ID (4K): **xxxx@company.uk.internet**

via HTML e-mail message containing hyperlinks to the results. ...  
The links remain valid for 90 days from the date STN sends the e-mail to the recipient. The links offer choices of retrieving the answers in the following formats:  
- RTF (Rich Text Format)  
- PDF (Adobe Portable Document Format)  
- Self-Extracting or Zipped HTML (Hypertext -Markup Language)  
- Plain Text (ASCII)  
In all formats except Plain Text, the Full Text link associated with each reference record will be available, enabling the recipient to access the full text of the original document through the ChemPort Connection.

**MULTIFILE SDI**

To create a multifile SDI profile, first enter all the files to be searched. Then enter **SDI MFILE** at an arrow prompt. You will be prompted to name the entire profile and to name the component for each file in the profile. Naming conventions are the same as for a single-file SDI profile. Other prompts will be similar to those for a single-file SDI. You will first be prompted for general parameters that apply to the multifile profile as a whole. You will then be prompted for parameters specific to each file:

**=> SDI MFILE**

MULTIFILE SDI GENERAL PARAMETERS  
ENTER MULTIFILE SDI REQUEST NAME ('AA004/S'), OR END:**CUTTER/S**  
ENTER TITLE (NONE):.  
ENTER COST CENTER (NONE) OR NONE:.  
ENTER METHOD OF DELIVERY (OFFLINE), ONLINE, or EMAIL:.  
MAILING ADDRESS = .....

CHANGE MAILING ADDRESS? (N)/Y:.  
ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N):y  
HIGHLIGHT HIT TERMS? (Y)/N:y  
PRINT FILE BACKGROUND INFORMATION? N/(Y):.  
PRINT MULTIPLE ANSWERS PER PAGE? N/(Y):.  
SEND SDI WITH NO ANSWERS? (Y)/N:.  
ENTER SDI EXPIRATION DATE 'YYYYMMDD' OR (NONE):.  
MULTIFILE SDI FILE SPECIFIC PARAMETERS: "filename 1"  
ENTER COMPONENT SDI REQUEST NAME ('AA004/S') OR END:**CUTTA/S**  
ENTER QUERY L# FOR MULTIFILE SDI REQUEST OR END:**L3**  
ENTER PRINT FORMAT (BIB) OR ?:.....

Delivery of all answers of a MFILE SDI on the last day of a month in one package:

**=> SDI PACKAGE MFILE**

MULTIFILE SDI GENERAL PARAMETERS  
ENTER MULTIFILE SDI REQUEST NAME ('AA004/S'), OR END:  
....

<b>ARCHIVE OR REDISTRIBUTE STN DATA (KEEP AND SHARE PROGRAM)</b>
--

Display search results and archive them for up to n users	<b>DISPLAY ARCHIVE n</b>
Display search results and redistribute them for up to m users	<b>DISPLAY REDISTRIBUTE m</b>
Display, archive, and redistribute search results for up to n,m users	<b>DISPLAY ARCHIVE n REDIST m</b>
Print search results and archive them for up to n users	<b>PRINT ARCHIVE n</b>
Print search results and redistribute them for up to m users	<b>PRINT REDISTRIBUTE m</b>
Print, archive, and redistribute search results for up to n, m users	<b>PRINT ARCHIVE n REDIST m</b>
Archive search results after-the-fact (you've already displayed the records) for up to n users	<b>ARCHIVE n</b>
Redistribute search results after-the-fact (you've already displayed the records) for up to m users	<b>REDISTRIBUTE m</b>
Archive and redistribute search results after-the-fact (you've already displayed the records) for up to n, m users (you may also enter REDISTRIBUTE m ARCHIVE n)	<b>ARCHIVE n REDISTRIBUTE m</b>
Create an SDI and archive and/or redistribute alert results to up to n, m users	<b>SDI</b> ... ARCHIVE ANSWERS? Y/(N): <b>y</b> ENTER TOTAL NUMBER OF USERS OF ARCHIVED RECORDS (?): <b>n</b> REDISTRIBUTE ANSWERS? Y/(N): <b>y</b> ENTER TOTAL NUMBER OF COPIES FOR REDISTRIBUTION (?): <b>m</b>
View the full session history including any DISPLAY commands that may include ARCHIVE and/or REDISTRIBUTE keywords	<b>DISPLAY HISTORY FULL</b>



<b>SYSTEM LIMITS</b>
----------------------

<b>TYPE</b>	<b>LIMIT</b>
Truncation limit	<b>20.000 terms</b>
Max. Number of L-numbers in an online session	<b>999</b>
Max. Number of E-numbers	<b>999</b>
Total L-numbers in a <i>single</i> query (SEARCH or QUERY commands)	<b>390</b>
Total characters in a <i>single</i> query	<b>20.000</b>
Total number of answers per file per session	<b>8.000.000</b>
Total number of characters in a search statement	<b>256</b>
Total number of answers in a saved answer sets (perm.)	<b>100.000</b>
Total number of answers in a saved answer sets (temp.)	<b>500.000</b>
Total number of saved answer sets	<b>200</b>
Total number of saved queries	<b>500</b>
Total number saved L#-lists	<b>100</b>
Saved user-defined formats	<b>100</b>
Saved user-defined search fields	<b>50</b>
Total number of prints in an online session	<b>40</b>
Total number of records in a print	<b>5.000</b>
RN-Crossover (REG → CA, CAPLUS)	<b>300.000</b>
RN-Crossover (REG → other files)	<b>10.000</b>
Max. number of records for ANALYZE	<b>50.000</b>
Max. number of records for SORT	<b>50.000</b>
Max. number of records for FOCUS	<b>50.000</b>
Time for LOGOFF HOLD	<b>60 min</b>
Time for saves on a temporary bases	<b>7 days</b>

<b>ALIASES FOR COMMANDS</b>
-----------------------------

STN Command	Aliases	STN Command	Aliases
ACTIVATE	FETCH RECALL RETRIEVE	FILE	BASE (B) BEGIN (B) CHANGE CHOOSE ENTER
DELETE	ABORT CANCEL ERASE PURGE RELEASE REMOVE	LOGOFF	BYE DONE END EXIT GOODBYE OFF QUIT SIGNOFF
DISPLAY	SEE SHOW TYPE (T)	QUERY	CREATE
EXPAND	MORE NEIGHBOR (NBR) NEXT ROOT SCAN	SAVE	STORE
SEARCH	FIND (F) SS	SDI	ALERT UPDATE

<b>MESSENGER A-Z</b>
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## STN SERVICE CENTRES

### **FIZ Karlsruhe STN Europa**

---

Postfach 2465  
D-76012 Karlsruhe  
Germany

STNmail: HLPDESK  
E-mail: [helpdesk@fiz-karlsruhe.de](mailto:helpdesk@fiz-karlsruhe.de)  
URL: <http://www.fiz-karlsruhe.de>  
Telefon: (+49)7247/808-555  
Telefax: (+49)7247/808-131

### **Chemical Abstract Service STN North America**

---

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---

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