## Standard Terminal Commands

| | |
|---|---|
| **ZZCNC** | Cancel current transaction |
| **ZZHLD** | Temporarily suspend output |
| **ZZMCH** *tid* | Change master terminal |
| **ZZNRM** | Resume normal mode |
| **ZZRDY** | Release hold |
| **ZZRSD** | Resend last message |
| **ZZTMD** | Initiate test mode |

## UNIQUE Terminology

*display-content-specification*

May be record name, subrecord name, item names, or ALL

*id*

Actual record key

*item*

Defined record element (field)

*password*

Defined file password or file name

*selection criteria*

May use EQ, NE, GT, GE, LT, or LE. NOT, AND, and/or OR allowed for BOOLEAN expressions.

*statistical-function*

| | |
|---|---|
| AVG | Average item from all selected |
| COUNT | Display number of occurrences of record |
| MAX | Find and display maximum of item from record selected and show identifier (key) |
| MIN | As in MAX, but display minimum and id |
| TOTAL | Total all items specified |

## Teletypewriter Controls

| | |
|---|---|
| **CTL/G*** | Accept unsolicited output |
| **CTL/H** | Delete character |
| **CTL/X*** | Delete message |

*Must be followed by CTL/C or ETX

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## OS/3 IMS 90 Terminal User Commands Summary

## Master Terminal Commands

| | |
|---|---|
| **ZZALT** $\begin{cases} tid,alt\text{-}tid \\ tid \end{cases}$ | Send switched messages to alternate terminal, or restore alternated terminal |
| **ZZBTH** $\begin{pmatrix} mod\text{-}name,file\text{-}name \\ *[,ALL] \\ CANCEL \\ PAUSE \\ RESUME \end{pmatrix}$ | Initiate and control batch processing in online mode |
| **ZZCLS** *file-name* | Close specified file |
| **ZZDWN** *tid* | Disable specified terminal |
| **ZZHLT** | Emergency shutdown (halt) |
| **ZZOPN** *file-name* | Open specified file |
| **ZZPCH** *program-name* | Change action program |
| **ZZSHD** | Initiate controlled shutdown |
| **ZZTCT** *tid* | Display status of specified terminal |
| **ZZTST** *tid* | Test specified terminal |
| **ZZUP** *tid* | Enable specified terminal |

## Global Network Terminal Commands

| | |
|---|---|
| **$$SON** *terminal-idprogram-name* | Initiate dynamic session with IMS 90. No space permitted between terminal-id and program-name. |
| **$$SOFF** | Terminate dynamic session with IMS 90. |

# UNIQUE Commands

| Command | Description |
|---|---|
| **ADD** *id-1 [;id-2]*...<br><br>(Display format) | Add record. Headers and format are displayed to fill in the blanks. |
| **ADD** *id[;]...[item-1=]value[[;]...;[item-2=]value]*...<br><br>(Hard copy format) | Item values are entered with command.<br>A dialog will occur to add each 'MUST ADD' item omitted. |
| **CANCEL*** | Cancel previous update command. |
| **CHANGE** *id-1 [;id-2]*...<br>(Display format) | Change specific records; id is key. |
| **CHANGE** *id[;]...[item-1=]value[[;]...;[item-2=]value]*...<br><br>(Hard copy format) | Change specific record by replacing values in item names. |
| **CLOSE** | Close the currently opened file for that terminal. |
| **DELETE** *id-1 [;id-2]*... | Delete specific records. |
| **DISPLAY** *id-1 [;id-2]*... | Display specific records. |
| {**DETAIL**} *[[display-content-specification][IF selection-criteria];]*...<br>{**LIST**}<br><br>[**FOR** *id-1*] [{**AFTER**} *id-2*]<br>        [{**FROM**}]<br>*[statistical-function [item-1 [,item-2]...]]*... | LIST command lists records or selected parts of records on terminal.<br><br>DETAIL allows interrupting a LIST for more information on one or more records. |
| **MORE**[{**DETAIL**}<br>      {**LIST**}] | Display next screenful of information; if only MORE is keyed in, response is to last DETAIL or LIST command. |
| **NEXT** | Select next id (record) for DISPLAY, DELETE, ADD, or CHANGE. |
| **OK*** | Authorize completion of DELETE, ADD, or CHANGE. |
| **OPEN** *password* | Open file with password or file name. |
| **SHOW** | Display format of defined file being accessed. |

*Press carriage return key and line feed key before keying in OK or CANCEL on hard copy device.

# IMS 90 Transaction Codes

| Command | Description |
|---|---|
| **DLMSG** *[△ terminal-id]* | Display last output message prior to actions that may be or have been rolled back. |
| **DLOAD** *prog-name[,aux-dev-no,prog-id]* | Downline load user program to a UTS 400 terminal or to a UTS 400 local storage device. |
| **SWTCH** {**ALL**<br>      **MAST** } *;△△message-text*<br>      *tid-1[,tid-2]*... | Send message to all configured terminals, the master terminal, or specified terminals. |
| **ZSTAT ALL** [,**CONT**] [,**AUX***n*] | Display prompting menu or display terminal status in noncontinuous or continuous output modes on the master terminal or auxiliary device. |
| **ZSTAT HELP** | Display the ZSTAT parameters and examples of their use. |