



The “?” LINE COMMAND – Quick Start/Time Saver

Benefits:

- Help new users get started
- Jog memory of current users who do not regularly use some of the numerous commands to control devices, offloaders, or initiators

The “?” line command can be an essential time saving feature

Use the “?” line command on any IOF list panel to display an interface panel specifically for the selected job, device, etc. For example, on the IOF Job List:

```

----- IOF Job List Menu -----( 11 )-----
COMMAND ==>                                SCROLL ==> CURSOR
----- Output Jobs -----
-----JOBNAME--JOBID---ACT-STAT-OWNER---DEST/DEVICE-----RECS-HELD-DAY--TIME
?  1 M10INIT  J902990 SEL      MYUSID  MYNODE      1078      317 16:13
-  2 TSOBATCH J902302                MYUSID  MYNODE       147       309 11:15
-  3 SPINLOG  J892533                MYUSID  MYNODE     3156       191 15:24
-  4 BULK     J890163                8 MYUSID  MYNODE       138       163  9:33
-  5 $$TEST  J879408                MYUSID  MYNODE       123        030 14:17
-  6 SENDEX  J870287                MYUSID  MYNODE       329       262 13:25
-  7 CPYSCAN  J852213                MYUSID  MYNODE       219       163 16:29
-  8 DOWNCUMF J849450                MYUSID  MYNODE        95       126 11:13
-  9 ZAPOPTOF J845823                MYUSID  MYNODE        59        070 15:08
- 10 ZAPIOF   J845821                MYUSID  MYNODE        59        070 15:03
- 11 ARCFAIL1 J845586                8 MYUSID  MYNODE       176       067 11:56

```

Entering the “?” line command for the M10INIT output job will show the interface panel for output jobs.



Interface panel for output jobs:

```

----- Functions for Output Jobs -----
COMMAND ==>

    Can - Cancel job output          B - Browse entire job
    PU - Cancel job output          PC - Show why job will not print
    S  - Select job for review       H - Place on operator hold
    PR - Release to default class    A - Release from operator hold
        and route to default dest  SQ - Select quick
    R  - Release to default class

You can also request any of these commands directly on the IOF Job List by
placing the command in the action area at the left margin for a job.

JOBNAME--JOBID---ACT-STAT-OWNER----DEST/DEVICE-----RECS-HELD-DAY--TIME-----
M10INIT J902990 SEL      MYUSID  MYNODE                1078      317 16:13

DEST      ==> MYNODE                Print destination

For Release function above:

NEWCLASS ==>                        New sysout class instead of default

```

This is an **interface panel**, not a HELP panel. You can enter “C” right here to cancel the displayed job, or overwrite the DEST field to reset the job’s default destination. You can see how this panel could be helpful to new IOF users when they are first learning their way around.

If the user selects a job on the Job List they will see the IOF Job Summary:

```

----- IOF Job Summary -----
COMMAND ==>                                SCROLL ==> CURSOR
--JOBNAME--JOBID---STATUS---RAN/RECEIVED-----DAY-----DEST-----
M10INIT J902990 OUTPUT  16:13 11/12/2020 THURSDAY MYNODE
--RC--PGM-----STEP-----PRSTEP---PROC-----COMMENTS-----
 0 IKJEFT01  TSO
-----DDNAME---STEP-----PRSTEP---STAT-ACT-C-GRP-D-SIZE-U-DEST-----
- 1 LOG      *                A 1 W 18 L MYNODE
- 2 JCL      *                A 1 W 33 L MYNODE
? 3 MESSAGES *                A 1 W 632 L MYNODE
- 4 SYSTSPRT TSO              A 1 W 395 L MYNODE

```

The “?” line command for the MESSAGES sysout will show the interface panel for sysouts.



Interface panel for sysouts:

```

----- Functions for Sysout Data Set in an Output Group -----
COMMAND ==>

    P   - Print a copy of this sysout data set to profile destination
    N   - Snap all or part of this data set to disk or sysout
    S   - Select this data set for browse
    COMP - Compare to another sysout or disk data set

The functions below will affect all sysout data sets whose "GRP" field on the
Job Summary display matches the "GRP" field below.

    CG   - Cancel all sysout data sets in this output group
    MG   - Display or modify attributes of all sysouts in this group
    RG   - Release all sysouts in this group
    H    - Hold all sysouts in this group

GRP-DDNAME---STEP-----PRSTEP---STAT-ACT-ODISP--C--DEST-----SIZE-U-----
  1 MESSAGES *                WRITE  A  MYNODE                632 L

Entering an option followed by "?" will produce a menu specifically designed
for that option. For example, "P?" will produce a print menu.

You can also request these functions directly on the IOF Job Summary display
by placing the option in the action area at the left margin for a data set

```

As with the job interface panel, you can enter “N” directly on this panel to snap (copy) the sysout data set to disk or sysout. This panel also shows the commands that allow you to display or modify the attributes of the all the sysouts in the same output group.



The “?” line command can also be very helpful when dealing with printers, initiators, offload devices, and other JES2 resources. For example, on the IOF list display for printers:

```

----- IOF Device List Display -----( 7 )-----
COMMAND ==>                                SCROLL ==> CURSOR
----- Local Printers/Punches -----
-----DEVICE-----ACT--STATUS----JOBNAME--JOBID-----SIZE-----LEFT-UNITS-----
?   1 PRT1                DRAINED
-   2 PRT2                DRAINED
-   3 PRT3                DRAINED
----- Remote Printers/Punches -----
-----DEVICE-----ACT--STATUS----JOBNAME--JOBID-----SIZE-----LEFT-UNITS-----
-   4 R16.PR1             DRAINED
-   5 R17.PR1             INACTIVE
-   6 R18.PR1             DRAINED
-   7 R18.PR2             DRAINED
  
```

Entering the “?” line command for PRT1 will show the printer/punch interface panel.



Printer/punch interface panel:

```

----- IOF Printer/Punch Detail Display --- (Screen 1 of 2) -----
COMMAND ==> down

  ST - Start      Z - Halt      FWD n - Fwd space n   DG - Display Group
  P - Stop       INTE - Interrupt  B n - Backspace n    DQ - Display Queue
  RES - Restart  CAN - Cancel      N - Repeat           DQR - Ready Queue

DEVICE-----ACT--STATUS-----JOBNAME--JOBID-----SIZE-----LEFT-UNITS-LASTFORM--
PRT1          DRAINED                                     STD

FORMS      ==> STD

CLASS      ==> AC          WTRID ==>          BURST      ==>
LIM        ==> 0-*        PLIM  ==>          PAUSE     ==> N
RANGE      ==> J1-999999  JOB   ==>          SEPDS     ==> N
MODE       ==>          FSS   ==>          SEP       ==> Y
FLASH      ==>          NPRO  ==>          MARK      ==>
FCB        ==> 6         UCS   ==> 0        MODIFY    ==>
DEVFCB     ==>          SETUP ==> HALT      PRESELCT  ==>
COPYMARK   ==>          TRANS ==> DEFAULT  SEPCHARS  ==>
PRMODE     ==> LINE

ROUTECD   ==> MYNODE

```

You can stop, start, or drain the printer directly from this interface menu. And you can overwrite the printer's attributes on this panel. Scroll down to see a second panel of attributes.



Second panel of printer attributes:

```

----- IOF Printer/Punch Detail Display --- (Screen 2 of 2) -----
COMMAND ==>

  ST - Start      Z - Halt      FWD n - Fwd space n  DG - Display Group
  P - Stop       INTE - Interrupt  B n - Backspace n   DQ - Display Queue
  RES - Restart  CAN - Cancel    N - Repeat          DQR - Ready Queue

DEVICE-----ACT--STATUS-----JOBNAME--JOBID-----SIZE-----LEFT-UNITS--LASTFORM--
PRT1          DRAINED

CKPTMODE ==>          CHR1   ==>
CKPTLINE ==>          CHR2   ==>
CKPTPAGE ==>   100    CHR3   ==>
CKPTSEC  ==>          CHR4   ==>
COMPACT  ==>          SPACING ==>
FLUSH    ==>          EJECT  ==>
CREATOR  ==>          ASIS   ==>
VOLUMES  ==>

WS       ==> W,Q,R,PRM/F,UCS,FCB

UNIT     ==> 0002
LUNAME  :
  
```

You can use the “?” line command on **any** IOF list panel.

The “?” is useful to new users learning their way around IOF and seasoned users to help remember the seldom used commands to control nodes, offloaders, spool volumes, and other JES2 resources. Then they can enter commands and overtype attributes **directly on the interface panels**.