DEFINE PUBLISHER

The DEFINE PUBLISHER command creates a Publisher Daemon that can be used to notify external processes of completed events in the TCP/IP partition.

Syntax:
```
DEFine PUBlisher ID=id ,IMODlist=member
```

Arguments:

ID= - A unique name that will identify this Daemon.

IMODlist= - Identifies an "L book" that will be inspected to determine a list of publishing event numbers and the corresponding IMOD to be executed under control of CSI FAQS/ASO. The format of this file may be found in the "Exposition" section, below.

Example:

```
IPN237I define publisher,id=pub01,imodlist=list01
IPN694I Publishing Daemon now active
```

Exposition:

The Publisher is intended to notify external applications and processes of TCP/IP-related events, such as the successful transfer of a file. The Publisher issues a defined-format notification message that can easily be interpreted by other programs. When used with CSI-FAQS/ASO, IMODs can be scheduled to automate dependent actions. This facility is intended to eliminate the need to "screen-scrape" the operator console to determine event completion and to provide an un-changing format for automation.

In CSI's production environment, we use the Publisher's event 1 (FTP'd file received) to run an IMOD that issues a "refresh" command so that Entrée will purge the "old" copy from its cache. The same event also initiates another FTP to copy the updated file to our hot site backup.

The file specified by the IMODLIST= parameter will contain a mapping of "published event numbers" to the IMOD that is to be triggered. Four fields are coded, separated by one or more blanks:

1. The Published Event Number (see below)
2. The keyword "IMOD"
3. The IMOD name
4. Optional comments

Any line that begins with "*" is considered to be a comment.

The following example contains a job to catalog a sample IMOD file:

Example:

```
// EXEC LIBR
ACC SUBL=PRD2.CONFIG
CATALOG IMODLIST.L  REPLACE=YES
* * This is the IMODLIST= member for the DEFINE PUBLISH,IMODLIST=
* * It is read by the Publishing Daemon to map Published Events
* * to specific IMODs.
* *
* * The format is:
* * event_num IMOD imodname comments
* * Fields are separated by 1 or more blanks
* *
001   IMOD $FTPFRCV EVENT-ITEM 1 = FTP FILE RECEIVED
002   IMOD $FTPFSNT EVENT-ITEM 2 = FTP FILE SENT
/+
/*
```

Notes:
- Additional information on using the Publisher can be found in *Appendix: Publisher* at the end of this document.

Related Commands:

DELETE PUBLISHER - Terminates a Publisher Daemon.

QUERY PUBLISHER - Displays the status of the Publisher Daemon,