

14.2.7 Defining a Coupling Facility link with ICP CHPIDs

The only way to define an ICP CHPID to another ICP CHPID is as a logical internal connection within the processor.

The following are considerations for creating a CF link using ICP CHPIDs:

- ▶ Each of the logical ICP links can only support one CHPID at each end of the link.
- ▶ How many ICP CF links are required to provide enough coupling bandwidth.
- ▶ Which z/OS LPARs on the same processors need access to the CF LPARs.
- ▶ The example will be connecting two ICP CHPIDs (FC and FD) on the same processor.

To define a Coupling Facility link with ICP CHPIDs, complete these steps:

1. From the main HCD panel, select option **1.3. Processors**.
2. Enter **s** next to the Processor that you want to create the first CF link from, and press **Enter**.
3. Enter **s** next to the CSS ID that has the ICP CHPID definition you want to create the first CF link from, and press **Enter**.
4. Scroll through the Channel Path List until you find the first ICP CHPID you want to connect from, or in the Command Line enter **L FC**. In our example, we use **FC**.
5. Enter **f** next to the CHPID definition (Figure 14-28), and press **Enter**.

Channel Path List										Row 2 of 12 More: >
Command ==> _____										Scroll ==> CSR
Select one or more channel paths, then press Enter. To add use F11.										
Processor ID : ARIES										
Configuration mode . : LPAR										
Channel Subsystem ID : 2										
	CHID+									
/	CHPID	AID/P	Type+	Mode+	Sw+	Sw	Port	Con	Mng	Description
-	15	115	FC	SHR	—	—	—		No	FC#0428 16Gb FICON Exp16S+ SX
-	80	00/1	CS5	SHR	—	—	—	Y	No	FC#0176 ICA SR 2 Links
-	84	17/1	CS5	SHR	—	—	—	Y	No	FC#0176 ICA SR 2 Links
-	88	1DC/1	CL5	SHR	—	—	—	Y	No	FC#0433 Coupling Express LR
-	8C	23C/1	CL5	SHR	—	—	—	Y	No	FC#0433 Coupling Express LR
-	C3	1BC	OSE	SHR	—	—	—		No	FC#0446 OSA Express7S 1000Base-T
-	C6	11C	OSC	SHR	—	—	—		No	FC#0446 OSA Express7S 1000Base-T
-	E1	128	OSD	SHR	—	—	—		No	FC#0445 OSA Express7s 10GbE SR
-	F0	7E0	IQD	SHR	—	—	—		No	IQD Internal Queued Direct Comms
f	FC	—	ICP	SHR	—	—	—	N	No	ICP Internal Coupling Peer
-	FD	—	ICP	SHR	—	—	—	N	No	ICP Internal Coupling Peer

Figure 14-28 Processors: CF Channel Path Connectivity List, ICP

6. HCD prompts you to specify the second ICP CHPID you want to connect to. Scroll through the Channel Path List until you find the second ICP CHPID you want to connect to, or in the Command Line, enter **L ED**. In our example, we use **FD**.