

1.1 DISPATCHER DOMAIN TASK SUMMARY TABLE

KEY FOR SUMMARY

T = TYPE OF TASK S=SYSTEM N=NON-SYSTEM
 S = STATE OF TASK D=DISPATCHABLE S=SUSPENDED R=RUNNING A=RUNNING ABTERM YES J=RUNNING IN JVM
 E=RESUMED EARLY
 F = PURGEABILITY FLAG P=PURGEABLE N=NOT PURGEABLE
 P = PURGE STATUS N=NO PURGE X=PURGED P=PURGE PENDING A=ABTERM PENDING
 TT = TIMEOUT TYPE IN=INTERVAL DD=DEADLOCK DELAYED DI=DEADLOCK IMMEDIATE
 W = WAIT/SUSPEND TYPE M=WAIT_MVS S=SUSPEND C=WAIT_OLDC W=WAIT_OLDW
 DTA= DISPATCHER TASK AREA
 AD = ATTACHING DOMAIN
 MD = TASK MODE

DS_TOKEN	KE_TASK	T	S	F	P	TT	RESOURCE	RESOURCE_NAME	W	TIME OF	TIMEOUT	DTA	AD	ATTACHER	MD	SUSP	AREA
							TYPE			SUSPEND	DUE		(DSTSK)		TOKEN		
00020001	1F21D000	S	S	N	N	-	ENF	NOTIFY	M	10:55:02.112	-	1F33C200	DM	1F418C00	RO	1F418C18	
00040003	5142F000	S	S	N	N	-	ZC	DFHZNAC1	S	10:49:46.866	-	1F33C380	XM	1F408900	QR	1F33C380	
00060003	1F3E6000	S	S	N	N	-	MPDQEMW	MPSUSPND	M	10:55:03.546	-	1F33C500	XM	1F407500	L8	1F43F320	
00080003	1F23D000	S	R									1F33C680	AP	00041800	CQ		
000E0003	20CA5000	S	S	N	N	IN	LGHARTBT	LG_MGRST	S	10:50:45.677	10:55:45.677	1F33CB00		D3C7C8C2	QR	1F33CB00	
00860003	20CE0000	S	S	N	N	-	ECDFQEMW	ECSUSPND	M	10:55:03.887	-	1F35C500	XM	1F407100	EP	1F481B18	
008A0003	1F3A6000	S	S	N	N	-	EPECQEMT	EPSUSPND	M	10:55:03.548	-	1F35C800	XM	1F407700	EP	1F470090	
008C0005	1F38D000	S	S	P	N	-	ICWAIT		S	10:32:57.443	-	1F35C980	XM	1F408500	QR	1F35C980	
00900003	1F375000	S	S	N	N	-	ICMIDNTE	DFHAPTIM	S	00:00:00.460	-	1F35CC80	XM	1F407900	QR	1F35CC80	
01040003	20CB7000	S	S	N	N	-	ICEXPIRY	DFHAPTIX	S	10:32:57.440	-	1F3A5380	XM	1F407B00	QR	1F33DC20	
018C0005	51438000	S	S	N	N	-	IS_INPUT	IS_PROCQ	S	10:55:07.373	-	1F3EE980	XM	1F408100	QR	1F33DE90	
018E0005	20CD8000	S	S	N	N	-	IS_ERROR	IS_ERROQ	S	10:55:07.248	-	1F3EEB00	XM	1F408300	QR	1F33D8F0	
02040005	20CD8A00	S	S	N	N	-	IS_SCHED	IS_SCHDQ	S	10:55:07.351	-	51437380	XM	1F408700	QR	1F38A0B0	
02060003	20CCE000	S	S	N	N	-	TCP_NORM	DFHZDSP	W	10:51:10.586	-	51437500	XM	1F407D00	QR	00049DD0	
020A0005	20CD9400	S	S	N	N	IN			M	10:50:54.066	10:51:54.066	51437800	XM	1F408B00	QR	20DF8180	
020E0005	51407000	S	S	N	N	IN	SHSYSTEM		S	10:00:00.875	11:00:00.875	51437B00	XM	1F407300	QR	1F33DAD0	
02120003	1F235000	S	S	N	N	-	TIEXPIRY	DS_NUDGE	S	10:51:03.765	-	51437E00	TI	00630003	QR	1F33D9B0	
028A0001	51458000	S	S	N	N	IN	SMSYSTEM		S	10:50:55.639	10:55:55.639	51480800	SM	00000002	QR	1F33DA70	
028C0001	1F41C000	S	S	N	N	-	smsyre	smva_ecn	M	10:55:02.243	-	51480980	SM	00000015	QR	1F215A44	
	0F8407E9	20C96000	N	R								5201C380	XM	1F408D00	QR		



1.2 THE KERNEL DOMAIN

===KE: Kernel Domain KE_TASK Summary

KE_NUM	KE_TASK	STATUS	TCA_ADDR	TRAN_#	TRANSID	DS_TASK	KE_KTCB	ERROR
0001	1F1FD000	KTCB Step	00000000			00000000	1F245038	
0002	1F205000	KTCB QR	00000000			1F225D00	1F248200	
0003	1F20D000	KTCB RO	00000000			1F225E00	1F247168	
0004	1F215000	KTCB FO	00000000			1F225F00	1F2460D0	
0005	1F21D000	Not Running	00000000			1F33C200	1F247168	
0006	1F225000	KTCB L8001	00000000			1F249300	1F33FF68	
0007	1F22D000	KTCB SL	00000000			1F235F00	1F397F68	
0008	1F235000	Not Running	00000000			51437E00	1F248200	
0009	1F23D000	***Running**	00000000			1F33C680	1F347F68	
000A	20CD8000	Not Running	1F48A100	00032	CISE	1F3EEB00	1F248200	
000B	1F414000	Unused						
000C	20CD8A00	Not Running	1F489800	00033	CISM	51437380	1F248200	
000D	20CD9400	Not Running	1F489100	00034	CISP	51437800	1F248200	
.								
.								
0041	1EACFD80	***Running**	00797080	002099	TXNB	1DE77E80	0DDE9090	*YES*



1.3 TRANSACTION MANAGER SUMMARY TABLE

Tran id	Tran num	TxnAddr TxdAddr	Start code	Sys Tran	Status	DS token	Facility type	Facility token
CSTP	00004	0E006300 0E0BC3F0	C	Yes	ACT	008A0003	None	n/a
CSSY	00006	0E006100 0E0BC030	C	Yes	ACT	00120003	None	n/a
CSSY	00007	0E006500 0E0BC030	C	Yes	ACT	001A0003	None	n/a
CSSY	00008	0E006600 0E0BC030	C	Yes	ACT	00180003	None	n/a
.
ATS1	06071	0E007E00 0E5673F0	S	No	ACT	031606DB	Terminal	0E746030 00000000
ATS9	06150	0ED9D300 0E567570	S	No	ACT	0388104D	None	n/a
RDDX	06428	0E007600 0E5A5630	T	No	ACT	031011DD	Terminal	0E75F030 00000000
AFAC	06435	0E007D00 0E544930	SD	No	ACT	030610B3	None	n/a



1.4 THE ENQUEUE DOMAIN

This Domain manages Enqueues that are created by CICS or the Application

The NQPLs are built for every CICS managed Enqueue

For each Enqueue created, CICS builds an NQEA

The NQEA will own the resource

If more than one request is waiting for the resource, additional NQEAs will be created

The Dispatcher Domain Summary Table will display the NQPL name



1.4 THE ENQUEUE DOMAIN

Each NQEA will have the owning Tasentry address at offset x'24'

The Task number and Transaction Id can be located from the Tasentry.

The Kernel Domain Summary Table has all the Tasentry numbers for each Transaction. The Transaction Id is also listed there.

The Dispatcher Domain will list all the CICS Tasks and why they are waiting.



1.4 THE ENQUEUE DOMAIN

Dispatcher Domain

```

0F000019 211FD800 N S P N - ZCIOWAIT DFHZARQ1      S 18:32:03.389      -      2CE02080 XM 21275500 QR 2CE02080 212755000000105C
0F020001 211FE800 N S N N -                          M 18:13:57.727      -      2CE02200 XM 1FA0A500 QR 21226E40 1FA0A5000000036C
0F040001 211FE100 N S P N - MQSeries GETWAIT      M 18:13:57.767      -      2CE02380 XM 1FA0A300 L8 2129F324 1FA0A3000000037C
0F06003D 211FF100 N R                                2CE02500 XM 1FA0AB00 QR              1FA0AB0000000097C
0F080021 211FD100 N S P N DD ENQUEUE FCDSRECD      S 18:32:09.281 18:32:19.281 2CE02680 XM 21275700 QR 2CE02680 212757000000101C

```

NQPL.FCDSRECD 212C6500

```

0000 D5D8D7D3 C6C3C4E2 D9C5C3C4 1F9365A0 00000015 00000000 00000040 0000003F *NQPLFCDSRECD.1.....* 212C6500
0020 71824361 00000004 00000002 00000000 00000000 00000000 00000000 00000000 *.b./.....* 212C6520
0040 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 *.....* 212C6540
0060 - 011F LINES SAME AS ABOVE 212C6560
0120 00000000 00000000 00000000 00000000 00000000 00000000 00000000 1FA3C4C0 *.....tD{* 212C6620
0140 212C6900 02020000 00000000 00000000 03000000 A0831E00 00000000 00000000 *.....c.....* 212C6640
0160 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 *.....* 212C6660

```

NQEA.OWNER 1FA3C4C0

```

0000 D5D8C5C1 00000000 212C6630 00000000 1FA3C580 08000000 00000000 00000000 *NQEA.....tE.....* 1FA3C4C0
0020 00000001 211FD800 00000000 B653237F 00000000 00800000 00000000 00000000 *.....Q.....".....* 1FA3C4E0
0040 D542D225 355E5300 212C6500 00000006 00000000 00000000 00000000 0000000A 212DDE10 *N.K.;.....* 1FA3C500
0060 F0F0F0F1 F0F0 *000100 * 1FA3C520

```

NQEA.WAITER 1FA3C580

```

0000 D5D8C5C1 00000000 00000000 00000000 00000000 90000000 00000000 00000000 *NQEA.....* 1FA3C580
0020 00000001 211FD100 00000000 B653237F 0F080021 00800000 00000000 00000000 *.....J.....".....* 1FA3C5A0
0040 D542D22A D4833340 212C6500 00000000 00000000 00000000 00000000 0000000A 212DDE10 *N.K.Mc. ....* 1FA3C5C0
0060 F0F0F0F1 F0F0 *000100 * 1FA3C5E0

```



1.4 THE ENQUEUE DOMAIN

Kernel Domain

```

0123  211FD100 Not Running  0004B080 00101  CECI    2CE02680 1F844200 waiting on enq
0124  211FD800 Not Running  0004B680 00105  CECI    2CE02080 1F844200 waiting on term input
0125  211FE100 Not Running  1FA8D700 00037  CKTI    2CE02380 1F978F68
0126  211FE800 Not Running  1FA8C100 00036  CKAM    2CE02200 1F844200
0127  211FF100 ***Running** 1FA8E700 00097  CEMT    2CE02500 1F844200
    
```

NQPL.FCDSRECD 212C6500

OWNER / WAITER

Enqueue Name	Len	Sta	Address	NQEA	Tran id	Tran Num	Local Uowid	Lifetime Uow	Hash Tsk	Indx
X'212DDE10'000100	10	Act	1FA3C4C0	CECI	00105	D542D204B37C9940		1	0	63
X'FOF0F0F1F0F0'										
Waiter :			1FA3C580	CECI	00101	D542D172C4931300		1	0	63 E0



1.4 THE ENQUEUE DOMAIN

