

Monitor for Locked File

1. Type **GO LXIPAG/LXIPAG** from an OS/400 command line and press **Enter**.

MAIN Select one of the fo	IBM i Main Menu llowing:	Syste	m: \$78A99E0
 User tasks Office tasks General system Files, libraries Programming Communication Define or chains Problem hand Display a mentant Information of IBM i Access 	em tasks ries, and folders ange the system ling nu Assistant options tasks		
90. Sign off			
Selection or command ===> <u>go lxipag/lxipa</u>	9		
F3=Exit F4=Prompt F23=Set initial menu	F9=Retrieve F12=Cancel	F13=Information	Assistant
MA B			20/023

2. Select **Option 8** (Work with Events) from the Page and Message Management main menu and press **Enter**.

Subsystem	Go	Help						
LXIPAG			Page and M	lessage	Managemer	nt	Sustant	\$79000E0
Select one o	f the	follow	ing:				system.	ST0H99E0
1. Send 2. Work 3. Work 4. Work 5. Work 6. Work 7. Work	Page with with with with with	Messag Pager Paging Direct Paging Pager Standa	es Queues History ory Entries Groups Vendors rd Messages	5				
Monitoring 8. Work 9. Work 10. Work	Func with with with	tions Events Recove Monito	ry rs					
Selection or ===> <u>8</u>	comm	and						More
F3=Exit F4 (c) Copyrigh	=Prom t LXI	pt F9 - 1985	=Retrieve , 2021	F12=Ca	ancel			
MA B								21/008



3. Enter the name of the event and press **Enter**. In the example, the event we created is "**FILE_LOCK**", then select **Option 2** (Change) for this entry and press **Enter**.

Position to Event ID Type options, press Enter. 1=Create 2=Change 3=Copy 4=Delete 5=Display 6=Print 7=Rename 8=Change Status Opt Event ID Type Status Opt Event ID Type Status Opt Event ID Type Status Description 1 FILE_LOCK
Type options, press Enter.1=Create2=Change3=Copy4=Delete5=Display6=Print7=Rename8=ChangeStatusDescription1FILE_LOCK-ALL_DIAG*MSGQInactiveAll Diagnostic messages-ALL_ESCAPE*MSGQInactiveAll Escape messages-ALL_INQ*MSGQActiveAll *inquiry messages-ALL_MSGS*MSGQInactiveAll Messages Period-ALL_MSGS*MSGQInactiveAll Printer messages-ALL_PRTMSG*MSGQInactiveAll Printer messages-ALL_PRTMSG*ACTJBSInactiveAny batch job/any sbs in MSGW-ANYECHMSGW*ACTJBSInactiveAny inter job/any sbs in MSGW-ASP90PLUS*SYSTEMInactiveASP Percentage Used 90+
OptEvent IDTypeStatusDescription1FILE_LOCK_ALL_DIAG*MSGQInactiveAll Diagnostic messages_ALL_ESCAPE*MSGQInactiveAll Escape messages_ALL_INQ*MSGQActiveAll *inquiry messages_ALL_MSGS*MSGQInactiveAll Printer messages_ALL_PRTMSG*MSGQInactiveAll Printer messages_ALL_PRTMSG*MSGQInactiveAll Printer messages_ALL_PRTMSG*MSGQInactiveAny batch job/any sbs in MSGW_ANYBCHMSGW*ACTJBSInactiveAny inter job/any sbs in MSGW_ASP90PLUS*SYSTEMInactiveASP Percentage
ALL_DIAG *MSGQ Inactive All Diagnostic messages ALL_ESCAPE *MSGQ Inactive All Escape messages ALL_INQ *MSGQ Active All *inquiry messages ALL_MSGS *MSGQ Active All *inquiry messages ALL_MSGS *MSGQ Inactive All Messages Period ALL_PRTMSG *MSGQ Inactive All Printer messages ALL_PRTMSG *MSGQ Inactive Any batch job/any sbs in MSGW ANYINTMSGW *ACTJBS Inactive Any inter job/any sbs in MSGW ASP90PLUS *SYSTEM Inactive ASP Percentage Used 90+
ALL_ESCAPE *MSGQ Inactive All Escape messages ALL_INQ *MSGQ Active All *inquiry messages ALL_MSGS *MSGQ Inactive All Messages Period ALL_PRTMSG *MSGQ Inactive All Printer messages ALL_PRTMSG *MSGQ Inactive All Printer messages ALL_PRTMSG *MSGQ Inactive All Printer messages ANYBCHMSGW *ACTJBS Inactive Any batch job/any sbs in MSGW ANYINTMSGW *ACTJBS Inactive Any inter job/any sbs in MSGW ASP90PLUS *SYSTEM Inactive ASP Percentage Used 90+
ALL_INQ *MSGQ Active All *inquiry messages ALL_INQ *MSGQ Inactive All Messages Period ALL_MSGS *MSGQ Inactive All Messages Period ALL_PRTMSG *MSGQ Inactive All Printer messages ALL_PRTMSG *MSGQ Inactive All Printer messages ANYBCHMSGW *ACTJBS Inactive Any batch job/any sbs in MSGW ANYINTMSGW *ACTJBS Inactive Any inter job/any sbs in MSGW ASP90PLUS *SYSTEM Inactive ASP Percentage Used 90+
_ ALL_MSGS *MSGQ Inactive All Messages Period _ ALL_PRTMSG *MSGQ Inactive All Printer messages _ ANYBCHMSGW *ACTJBS Inactive Any batch job/any sbs in MSGW _ ANYINTMSGW *ACTJBS Inactive Any inter job/any sbs in MSGW _ ASP90PLUS *SYSTEM Inactive ASP Percentage Used 90+
_ ALL_PRTMSG *MSGQ Inactive All Printer messages _ ANYBCHMSGW *ACTJBS Inactive Any batch job/any sbs in MSGW _ ANYINTMSGW *ACTJBS Inactive Any inter job/any sbs in MSGW _ ASP90PLUS *SYSTEM Inactive ASP Percentage Used 90+
ANYBCHMSGW *ACTJBS Inactive Any batch job/any sbs in MSGW ANYINTMSGW *ACTJBS Inactive Any inter job/any sbs in MSGW ASP90PLUS *SYSTEM Inactive ASP Percentage Used 90+
— HSP90PLUS *SYSTEM INACTIVE HSP Percentage used 90+
More
F3=Exit F4=Prompt F5=Refresh F9=Retrieve F12=Cancel F17=Subset
F18=Work with output
(c) Copyright LXI - 1985, 2021.
MA B 10/017

4. This displays the event condition. Select **Option 1** (Create) and a sequence number and Press **Enter**.

	Create Event ID	S78A99E0 11/30/22 09:58:24
Type choices, press Enter.		
Event ID	FILE_LOCK	
Description	Monitor for Locked File	
Event type	<u>*MSGQ</u> *ACTJBS, *I *JRN, *M	CFGDSC, *CMD, *JOBQ, SGQ, *OUTQ, *SYSTEM
F3=Exit F12=Cancel		Bottom
MAB		07/058



5. This displays the event condition. Select **Option 1** (Create) and a sequence number and Press **Enter**.

Work with Message Queue Event Condi	tions S78A99E0 11/30/22 09:59:28
Event ID : FILE_LOCK Event type : *MSGQ Message queue Status 1 0=Inactive, 1=Act: Description Monitor for Locked File	ive
Type options, press Enter. 1=Create 2=Change 3=Copy 4=Delete 5=Display	8=Change Status
Opt Sequence Status Description 1 <u>5</u>	Severity Threshold
(No records found)	
	Pattan
Command ===>	Bottom
F3=Exit F4=Prompt F5=Refresh F9=Retrieve F11=V: (c) Copyright LXI - 1985, 2021.	iew 2 F12=Cancel
MA B	13/010

6. This displays the event that will be monitored. For this event, Page and Message Management will monitor for message "**RNQ1218**" (record lock) which has a severity of **90**. Scroll to the second page.

	Event	Condition	S78A99E0
Event ID : Event type : Status	FILE_LOCK *MSGQ Active	Monitor for Locked File Message queue	10:01:27
Type choices, press Ente	r.		
Sequence	5 1	1-99999 0=Inactive, 1=Active	
Severity Threshold Message Type Message ID Message File Library	90 *ALL RNQ1218 *ALL *ALL	00-99 *ALL, type, F4 for list *ALL, name, generic* *ALL, name, generic* *ALL, name, generic*	
Command			More
F3=Exit F4=Prompt F9	=Retrieve	F12=Cancel	
MA B			16/027



Monitor for Locked File

 On this display, enter the name of the file lock to monitor in the "Comparison data" parameter. When you're finished, press Enter until you return to the Page and Message Management main menu.

	Event	t Condition	S78A99E0
Event ID Event type	FILE_LOCK *MSGQ Active	Monitor for Locked File Message queue	10.01.21
Type choices, press Ente	r.		
From Job User Program	<u>*ALL</u> <u>*ALL</u> <u>*ALL</u>	*ALL, name, generic* *ALL, name, generic* *ALL, name, generic*	
Comparison data	MSCTLL		
			Bottom
Command ===>			
F3=Exit F4=Prompt F9	=Retrieve	F12=Cancel	
MA B			13/033

8. Select **Option 10** (Work with Monitors) and press **Enter**.

Subsystem Go	Help		
LXIPAG	Page and Message Management	Suctor	\$79000E0
Select one of th	e following:	system.	31049920
1. Send Pag 2. Work wit 3. Work wit 4. Work wit 5. Work wit 6. Work wit 7. Work wit 8. Work wit	e Messages h Pager Queues h Paging History h Directory Entries h Paging Groups h Pager Vendors h Standard Messages ctions h Events		
10. Work wit	h Monitors		More
selection or com ===> <u>10</u>	mand		
F3=Exit F4=Pro	mpt F9=Retrieve F12=Cancel		
MA B			21/009



9. Select **Option 6** (Release) to release the "***MSGQ**" monitor (if needed), then select **Option 5** (Work with) for the "***MSGQ**" monitor and press **Enter**.

Monito	or status	Work wi . : Inactive	ith Monitors	11/	29/22	S78A99E0 12:21:35
Type o 5=Wo	options, press ork with 6=R	Enter. elease 9=Hold	10=Work with history	ļ		
Opt	Monitor	Description		Statu	s	
	*ACTJBS *CFGDSC *CMD *JDBQ *JRN *MSGQ *OUTQ *SYSTEM	Active jobs Configuration Command Monito Job queue Journal Message queue Output queue System	Description pr	Pendi Held Pendi Held Held Held Held	ng ng ng	
Commar	br					Bottom
===> _						
F3=Exi F12=Ca (c) Co	it F4=Pro ancel F14=St opyright LXI -	mpt F5=Refresh art monitor 1985, 2021.	F6=Monitor messages F15=Work with subsu	; istem	F9=Re F24=M	trieve ore keys
M <u>A</u> E	3					15/003

10. This displays the "Message Queues to Monitor" display. Select **Option 2** (Change) for the "**QSYSOPR**" message queue and press **Enter**.

Monit	tor status .	Work Work	with Message Queues to Monitor eld	S78A99E0 11/29/22 12:30:21
POSI	ción co		nessage queue	
Type 1=(7=[11:	options, pr Create 2=0 Display mess =Work with 1	ress Enter. Change 3=1 sages 8=1 locks 13	Copy 4=Delete 5=Display Spooled files 9=Hold =Cleanup options	6=Release 10=Work with history
Opt	Message Queue	Library	Description	Status
2	QHST QSYSMSG QSYSOPR	QSYS QSYS QSYS	- System operator message que	Held Held eue Held
Comma	and			Bottom
===> F3=E: F11=' (c)_(xit F4= View 2 F12 Copyright L)	=Prompt 2=Cancel (I - 1985, :	F5=Refresh F6=Monitor messag F14=Release monitor F15=Work 2021.	ges F9=Retrieve < with subsystem
MA	В			16/003



11. Select **Option 1** (Create) and a sequence number to add an entry to the message queue monitor and press **Enter**.

Message queue Hold Checking Inter Monitor while	Work Q Y val <u>5</u> in use Y	with Mon SYS/QSYSO 	itored Messa PR Y=Yes, N= 1-999 min Y=Yes, N=	ge Queue System o No utes No	11/29/22 perator mess	S78A99E0 12:32:34 age queue
Type options, 1=Create 2	press Enter. =Change 3=	Copy 4=	Delete 5=D	isplay		
Opt Sequence	Monit ID	or Active	Exclu Event	de Active	Recove List ID	ry Active
$\frac{1}{-}$ $\frac{15}{5}$ $\frac{5}{10}$	ALL_INQ JOB_ABNORM	No No	ALL_PRTMSG *NONE	No N/A	PAGMSGDTXT PAGMSGDTXT	No No
Command ===>						Bottom
F3=Exit F4=P F13=Cleanup op (c) Copuright	rompt F5=R tions F19= LXI - 1985,	efresh Work with 2021.	F9=Retrieve events	F12=Can F24=Mor	cel e keys	
МА В						13/011

12. Enter the name of the event in the "**Event**" parameter (use **F4** if needed). Enter the recovery command in the "**ID**" parameter (use **F4** to select a recovery command). In the example, we used the "**PAGMSGDTXT**" as the recovery command. Scroll to the second page.

	Monitored Ev	ent 14 (22 (22	S78A99E0
Message queue . : QSYS/QSYSOF	PR	System operator message que	10:13:48 eue
Type choices, press Enter.			
Sequence	15 FILE_LOCK *NONE *NONE	1-99999 ID, F4 for list *NONE, ID, F4 for list *NONE, HHMM	
Recovery command list: ID ID for Event deadline	PAGMSGDTXT *NONE	*NONE, ID, F4 for list *NONE, ID, F4 for list	
Recovery ID variable (*QMSG)	<u>E</u>	F=First-Level, H=Header, S=Second-level	H
Command			More
F3=Exit F4=Prompt F9=Retrie F20=Work with Recovery command	ve F12=Can Lists	cel F19=Work with events	
MA B			14/034



13. The second page allows you to schedule the monitor, if needed. When you're finished, press **Enter** until you return to the Page and Message Management main menu.

	Monitor	ed Even	t			\$78	3A99E0
Message queue . : QSYS/QSYSO	PR	Sy	stem op	erator	11/30/ message	22 10: queue	13:48
Type choices, press Enter.							
Inactive schedule (HHMM): From	Sun	Mon	Tue	Wed	Thu	Fri	Sat
From							
From							
Date / time last used :	00/00/	00 00	:00:00				
Command ===>						E	3ottom
F3=Exit F4=Prompt F9=Retri F20=Work with Recovery command	eve F1 Lists	2=Cance	l F19	=Work w	ith eve	ents	
MA B							08/034

14. Select **Option 9** (Work with Recovery) from the Page and Message Management main menu.

Subsystem G) Help		
LXIPAG	Page and Message Management	Sustem.	C78000E0
Select one of t	ne following:	system.	31089560
1. Send Par 2. Work wi 3. Work wi 4. Work wi 5. Work wi 6. Work wi 7. Work wi Monitoring Fur 8. Work wi	ge Messages th Pager Queues th Paging History th Directory Entries th Paging Groups th Pager Vendors th Standard Messages th Standard Messages		
9. Work wi 10. Work wi	th Recovery th Monitors		u
Selection or con ===> <u>9</u>	mand		More
F3=Exit F4=Pro	ompt F9=Retrieve F12=Cancel		
MA l B			21/008



15. This is where you define what happens if the event occurs. Scroll to the second page and select **Option 2** (Change) for the **"PAGMSGDTXT**" recovery list and press **Enter**.

		Work w	ith Recov	ery IDs	44.720	S78A99E0
Position	to		Comma	nd list ID	11/30	9722 10.11.40
Type opt 1=Crea 8=Chan	ions, press Er te 2=Change ge Status	nter. 3=Copy 4	=Delete	5=Display	6=Print	7=Rename
Opt	Recovery List ID	Status	Descr	iption		
2	PAGMSGDTXT PAGOUTQSTS PAGWTRŠTS POP_MSG POP_SVP	Active Inactive Inactive Active	Page Page Page	Actual Mess Output Queu Writer Stat	age Text e Status us	
- - Command	SEND_PAGE SPLF_MSG	Active Inactive	Send SNDMS	an LXIpage i G # of Splf:	message s in outq	More
===> F3=Exit F18=Work	F4=Prompt with output	F5=Refresh	F9=Retri	eve F12=Ca	ancel	
IA B						13/00

16. From this display, Change the **"Status**" from "0" (Inactive) to "**1**" (Active), then select **Option 2** (Change) to change the Recovery Command and press **Enter**.

	Work with Recovery	y Commands	44 /20 /22	S78A99E0				
Command list ID : Status Description	mmand list ID : PAGMSGDTXT atus <u>1</u> 0=Inactive, 1=Active scription <u>Page Actual Message Text</u>							
Type options, press Ente 1=Create 2=Change	er. 3=Copy 4=Delete	5=Display	8=Change Stat	us				
Opt Sequence Status	Description							
2 5 Active	Page msg text(Ne	eds Dir Entr	y)					
Connend				Bottom				
===>								
F3=Exit F4=Prompt F5 (c) Copyright LXI - 1985	5=Refresh F9=Retr: 5, 2021.	ieve F11=Yi	ew 2 F12=Car	ncel				
MA B				22/007				



17. Change the directory entry or paging group as necessary. The paging method can also be changed. Leave the default for the other parameters. Press **Enter** until you return to the Page and Message Management main menu.

Send Page Messages (SNDPAGMSG)	
Type choices, press Enter.	
Message (Alphanumeric / Email) → <u>*QMSG</u>	
Message (Numeric / Telenhone) . *DETMSG	
Send to directory entries: Last name	
First name <u>bill</u> + for more values _	
Send to paging group <u>*NONE</u> Include sender information <u>*NO</u> *YES. *NO	
Subject (email delivery) <u>*BODY</u> *BODÝ, *SDR Paging method <u>*CONCURRENT</u> *CONCURRENT	, *DFT, *NONE , *ESCALATE
F3=Exit F4=Prompt F5=Refresh F10=Additional parameters F13=How to use this display F24=More keys	F12=Cancel
MA B	15/041

18. Select **Option 13** (Start Monitors) from the Page and Message Management main menu.

Subsyst	em	Go	Help							
LXIPAG				Page	and	Message	Manage	ement		C70000E0
Select on	e of	the	follo	wing:					system.	31049920
Miscell 11. W 12. W 13. S 14. E	aneo lork lork tart nd M	us Fu with with Moni onito	nctio Autho Param itors ors	ns rity eters						
Cleanup 15. P 16. P	Opt urge urge	ions Pagi Moni	ing Hi itor H	story istory						
Selection ===> <u>13</u>	or	comma	and							Bottom
F3=Exit	F4=	Promp	ot F	9=Retri	leve	F12=C	ancel			
M <u>A</u> B										21/009
										Rot.