

## Mandatory Patch Index

<u>Component</u>	<u>Sequence</u>	<u>Page</u>
ETOS.SV(RMON)	0003	F-72
ETOS.SV(RMON)	0004	F-73
ACCNT.SV	0003	F-74
ETOS.SV(RMON)	0005	F-75

### List of Figures

Figure F-44	Correcting ETOS V5B's Schedules	F-72
Figure F-45	Correcting RMON's Removal of Jobs from Run Queue Error	F-73
Figure F-46	Correcting the Zero Error in ACCNT.SV	F-74
Figure F-47	Evidence for a Corrupt Map Block	F-75
Figure F-48	Gathering the Data to Locate the Bad Map Block	F-76
Figure F-49	Data on a Specific Account in the MFD	F-78
Figure F-50	A Valid Map Block for an Account	F-79
Figure F-51	An Empty User File Directory	F-80
Figure F-52	Correcting a Bad Map Block	F-81



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ETOS V5B  
Page  
1 of 1  
3-4-81  
Mgr's Guide Page F-72

IMPORTANT !

SOFTWARE MAINTENANCE REPORT

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PROBLEM: The new scheduler of ETOS V5B included a decision that overloads the queuing operation. The following one line patch improves the performance.

SOLUTION: This patch should be installed under stand-alone OS/8.

Figure F-44  
Correcting ETOS V5B's Scheduler

```
.R FUTIL<CR>  
  
SET DEVICE SYS<CR>  
FILE ETOS<CR>  
ETOS. SV ssss-eeee 0163 (0115) S.SSS 13-MAR-80  
SET MODE SAVE<CR>  
5322/ 5330 5332<CR>  
WRITE<CR>  
EXIT<CR>
```

✓ 3-26-81 (TR)

<i>software product</i> ETOS V5B	<i>version</i> V5B	<i>patch?</i> yes no X
<i>component</i> ETOS.SV (RMON)	<i>sequence</i> 0003	<i>required?</i> YES



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ETOS V5B  
Page  
1 of 1  
3-6-81  
Mgr's Guide Page F-73

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PROBLEM: The ETOS V5B queuing scheduler does not remove a job properly from the table of tasks. This may result in a job being unable to get on the queue again.

SOLUTION: This patch should be installed under stand-alone OS/8.

Figure F-45  
Correcting RMON's Removal of Jobs from Run Queue Error

```

.R FUTIL<CR>

SET DEVICE SYS<CR>
FILE ETOS<CR>
ETOS.SV ssss-eee 0163 (0115) S.SSS 13-MAR-80
SET MODE SAVE<CR>
2315/ 5323 5367<LF>
0000.02315\ 1222 <LF>
0000.02317\ 3036 <LF>
0000.02320\ 1034 1622<LF>
0000.02321\ 3436 7041<LF>
0000.02322\ 7340 1436<LF>
0000.02323\ 3434 7650<LF>
0000.02324\ 1622 5364<LF>
0000.02325\ 7700 5360<CR>
2360/ XXXX 7340<LF>
0000.02361\ XXXX 3434<LF>
0000.02362\ XXXX 1034<LF>
0000.02363\ XXXX 7410<LF>
0000.02364\ XXXX 3622<LF>
0000.02365\ XXXX 3436<LF>
0000.02366\ XXXX 7410<LF>
0000.02367\ XXXX 3434<LF>
0000.02370\ XXXX 5331<CR>
WRITE<CR>
EXIT<CR>

```

✓ 3-26-81 (TR)

software product	version	patch?	yes	no
ETOS V5B	V5B		X	
component	sequence	required?		
ETOS.SV (RMON)	0004			YES



TM

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ETOS V5B  
Page  
1 of 1  
3-6-81  
Mgr's Guide Page F-74

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PROBLEM: ACCNT.SV's ZERO option does not work on large accounts.

SOLUTION: The following patch should be installed in virtual OS/8 under ETOS.

Figure F-46  
Correcting the ZERO Error in ACCNT.SV

```

.VS<CR>
!PRIV 4040<CR>
!WE 0<CR>
!BOOT<CR>

.R FUTIL<CR>

SET DEVICE SYS<CR>
FILE ACCNT<CR>
ACCNT.SV ssss-eeee 0020 (0016) S.SSS 26-OCT-79
SET MODE SAVE
01540/ 7041 7171<LF>
0000.01541\ 1132 <LF>
0000.01542\ 7500 7430<CR>
WRITE<CR>
EXIT<CR>

```

✓ 3-26-81 (DB)

<i>software product</i> ETOS V5B	<i>version</i> 5.54	<i>patch?</i> yes no X
<i>component</i> ACCNT.SV	<i>sequence</i> 0001	<i>required?</i> YES



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196 TRUMBULL STREET  
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ETOS V5B  
Page  
1 of 7  
3-11-81  
Mgr's Guide Page F-75

IMPORTANT !

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PROBLEM: Some ETOS sites with large numbers of accounts, whose OS8DISK.DSKs exists on a drive other than the system one, will have a corrupt record appear in the Master File Directory (MFD) as shown in Figure F-45.

Figure F-47  
Evidence For a Corrupt Map Block

02,17 AJG	<0077>	0001	1	12 FEB. '81
02,20 ENT	<0077>	0001	1	12 FEB. '81
02,21 ABC	<0077>	25744561	5753201	25 FEB. '81
02,22 SHACK	<0077>	0001	1	12 FEB. '81
02,23 BOSTON	<0077>	0001	1	12 FEB. '81
02,24 JGR	<0077>	0001	1	12 FEB. ' 81

The Account Program crashes the ETOS operation if the corrupt account's User File Directory is accessed or even printed.

The user whose account is corrupt cannot LOGIN to ETOS without crashing the system.

SOLUTION: The corrupt map block must be replaced with valid data. This requires two steps:

1. To determine the location of the corrupt map block.
2. Change the block to valid data.

To determine the location of the bad map block type the following instructions while LOGged INTO a PRIVileged account under ETOS.

software product ETOS V5B	version V5B	patch? yes no X
component ETOS (RMON)	sequence 0005	required? NO