

1. Version number changes				
No.	Details	Subject source code	Line	No.
1	Change file header version number to 1.01.00. Change release date.	All files		
2	Change BOOT_MESSAGE version number to 1.01.00.	kernel/sysmain/src/sysmain.h	30	1
3	Change CFN_VER_SPVER from 0x6100 to 0x6101. Change CFN_VER_PRVER from 0x0000 to 0x0101.	config/sysdepend/app_at91/utk_config_depend.h config/sysdepend/app_h8s2212/utk_config_depend.h	54 56	1
2. Measures for bugs				
No.	Details	Subject source code	Line	No.
1	Revise the bug. The bug detail: task starts up while in an interrupt-disabled state when dispatching occurs within tk_ena_dsp.	kernel/sysdepend/cpu/at91/cpu_support.S	101	1
2	Revise the bug. The bug detail: RUN state is returned if the task in WAIT state is referenced with tk_ref_tsk or td_ref_tsk.	kernel/tkernel/src/task_manage.c kernel/tkernel/src/task_manage.c	471 607	1
3	Revise the bug. The bug detail: overflow is not detected when count value exceeds the upper limit of INT type, with tk_sig_sem.	kernel/tkernel/src/semaphore.c	166	1
4	Revise the bug. The bug detail: the WAIT state of the subsequent task in the send queue is not released when the message exceeding the buffer size is received.	kernel/tkernel/src/messagebuf.c	429	1
5	Revise the bug. The bug detail: if not the message but the send waiting task exists in a message buffer, the message size to be received next time is 0 when referenced with tk_ref_mbf or td_ref_mbf.	kernel/tkernel/src/messagebuf.c kernel/tkernel/src/messagebuf.c	458 562	1
6	Revise the bug. The bug detail: queue for task waiting for calling when executing tk_fwd_por is always FIFO, without following rendezvous attribute of forwarding destination.	kernel/tkernel/src/rendezvous.c	424	1
7	Revise the bug. The bug detail: the task is put in WAIT state when tk_get_mpl is executed by specifying the size larger than variable-size memory pool.	kernel/tkernel/src/mempool.c	445	1
8	Revise the bug. The bug detail: the alarm handler starts up in order, from ALM1 to ALM2. And the start-up sequence is in reverse order, from ALM2 to ALM1, if started simultaneously.	kernel/tkernel/src/timer.c	82	1
9	Add the initialize sequence of variable.	kernel/tkernel/src/deviceio.c kernel/tkernel/src/device.c	1137 539	1
10	Revise the bug. The bug detail: the task may return from function while in an interrupt-disabled state, in knl_lmalloc() and tm_getline() functions.	kernel/tkernel/src/memory.c lib/libtm/src/tm_getline.c	189 40	1
11	Revise the bug. The bug detail: output can not be executed with tm_putchar when big_endian is used.	lib/libtm/src/tm_putchar.c	26	1
12	Revise the problem. The problem detail: there are programs which execute 32-bit access to the variables of INT type (16-bit) with mov.l, etc.	kernel/sysdepend/cpu/h8s2212/cpu_support.S		6
13	Add reference declaration.	kernel/sysinit/src/sysstartup.c	27	1
14	Revise the bug. The bug detail: if 1 is set to USE_OBJECT_NAME, warning is issued when compiling.	kernel/tkernel/src/objname.c kernel/tkernel/src/objname.c	144 167	1
15	Revise the bug. The bug detail: if 0 is set to CHK_RSATR, warning is issued when compiling.	kernel/tkernel/src/eventflag.c kernel/tkernel/src/mailbox.c kernel/tkernel/src/mempfix.c kernel/tkernel/src/mempool.c kernel/tkernel/src/messagebuf.c kernel/tkernel/src/mutex.c kernel/tkernel/src/rendezvous.c kernel/tkernel/src/semaphore.c kernel/tkernel/src/task_manage.c kernel/tkernel/src/time_calls.c kernel/tkernel/src/time_calls.c	67 68 69 255 131 228 94 68 36 213 613	1
16	Revise the bug. The bug detail: if 0 is set to USE_CLEANUP, error occurs when compiling.	kernel/sysinit/src/sysstartup.c kernel/sysinit/src/sysinit_main.c	93 20	1
17	Revise the bug. The bug detail: if 0 is set to USE_IMALLOC, error occurs when compiling.	kernel/sysinit/src/sysstartup.c config/utk_config_func.h	47 372	1
18	Revise the bug. The bug detail: if 0 is set to USE_DBGSP, error occurs when compiling by adding USE_TRAP option.	kernel/sysdepend/device/app_h8s2212/inthdr_startup.S kernel/sysdepend/device/app_h8s2212/vector.S kernel/sysdepend/cpu/at91/cpu_support.S kernel/sysdepend/cpu/h8s2212/cpu_support.S	39 2 2 2	1
19	Revise the bug. The bug detail: if 1 is set to USE_DBGSP and 0 is set to USE_FUNC_TD_INF_TSK, error occurs when compiling.	kernel/tkernel/src/task.c	105	1
20	Revise the inappropriate comment, the function name, and the variable name in program to the appropriate ones.	include/tk/sysdepend/app_h8s2212/syslib_depend.h kernel/sysdepend/cpu/h8s2212/cpu_insn.h kernel/sysdepend/cpu/h8s2212/cpu_status.h kernel/sysdepend/cpu/h8s2212/cpu_support.S kernel/sysdepend/cpu/h8s2212/cpu_task.h	 5 2 17 3	6
21	Revise redundant cast.	kernel/tkernel/src/rendezvous.h	68	1
22	Delete redundant detection processing.	kernel/tkernel/src/mailbox.c kernel/sysdepend/cpu/h8s2212/cpu_calls.c	366 138	1
23	Revise the bug regarding an output processing of mktksvc.	etc/mklib lib/libsvc/build/h8s2212/makeifex.pl	 1	1
24	Revise the bug regarding an output processing of mkttdsvc.	etc/mktdsvc		1
25	Revise Typo of label name.	kernel/sysdepend/device/app_at91/iort0.S	87	1
26	Delete unused variables.	kernel/sysdepend/device/app_h8s2212/tkdev_init.c	25	1
27	Revise the variable name.	kernel/tkernel/src/semaphore.c	401	1
28	Revise the bug regarding SIO processing.	include/tk/sysdepend/app_h8s2212/sysdef_depend.h kernel/sysdepend/device/app_h8s2212/iort0.S kernel/sysdepend/device/app_h8s2212/tkdev_timer.h lib/libtim/src/sysdepend/app_h8s2212/sio.c	 93 1 1	1

3. Quality improvements				
No.	Details	Subject source code	Line	No.
1	Revise comments.	config/sysdepend/app_h8s2212/utk_config_depend.h kernel/sysdepend/cpu/at91/cpu_support.S kernel/sysdepend/device/app_at91/iort0.S kernel/tkernel/src/functions.list kernel/tkernel/src/check.h include/tk/sysdepend/app_at91/asm_depend.h include/tk/sysdepend/app_at91/cpudef.h include/tk/sysdepend/app_at91/dbgspt_depend.h include/tk/sysdepend/app_at91/sysdef_depend.h include/tk/sysdepend/app_at91/syslib_depend.h include/sys/svc/tdfnod.h lib/libsvc/src/sysdepend/include/tdfnod.h	97 65 109 253 18 18 18 18 18 1 1	1
2	Revise comments.	kernel/tkernel/src/task.h	74	1
3	Change the default value of TETYPE.	etc/makerules	43	1
4	Change variable knl_taskindp to INT type.	include/sys/sysdepend/app_h8s2212/sysinfo_depend.h kernel/sysdepend/cpu/h8s2212/cpu_insn.h kernel/sysdepend/cpu/h8s2212/cpu_init.c kernel/sysdepend/cpu/h8s2212/cpu_support.S	36 25 26 4	1

1 Although utkernel_source/ is included at the beginning of each directory name in an archive, this has been omitted because it is common to all files.

2 "Line" refers to the line number in micro T-Kernel Version 1.01.00.
When a change covers multiple lines, only the first line number is indicated.
When a change spreads across different lines, the field is left blank.

3 The column of "No." (on the extreme right) is left blank when the number of changes is too great.