

ISS	
PC	Instruction
1472	c.lswp x15,8(x2)
1474	c.addi x15,1
1476	c.swsp x15,8(x2)
40	jal x0,856
856	cm.push {x1}, -64
885	sw x10,-8(x2)

Interrupt
irq: 00010000

Core	
PC	Instruction
1472	c.lswp x15,8(x2)
1474	c.addi x15,1
1476	c.swsp x15,8(x2)
1478	c.lwsp x15,12(x2)
147a	c.addi x15,1
147c	c.swsp x15,12(x2)
147e	c.lwsp x15,16(x2)
40	jal x0,856
856	cm.push {x1}, -64
885	sw x10,-8(x2)