

information		repl.	ident FB 821018		page 1/1
			RC8000		class EXT
subj. ISQ Procedures and Zone State					
<p>Backing Storage release 13.2 introduces a change in order to make the system work properly when allowing implicit passivate during transports in ISQ-zones.</p> <p>Some ISQ procedures assign a default value to "resulti" at entry and reassign at exit, possibly after passivation, only if the result deviates from the expected. In the meantime another coroutine may have changed the value of "resulti".</p> <p>The problem has been overcome by letting the ISQ procedures save "resulti" in the leftmost halfword of the zone descriptor variable "zone-state" during the period of possible implicit passivation (I/O-operations).</p> <p>The change will trap concurrent I/O operations in the same ISQ-zone executed by more coroutines.</p> <p>A zone state alarm, however, will occur if user programmed routines (trap-routines and block-procedures) are activated and allowed to call high level I/O procedures before the original ISQ procedure restores the situation to normal. The problem may be prevented by assigning (getzone and setzone) the rightmost halfword of "zone-state" to "zone-state", i.e. "zone-state:= zone-state extract 12;".</p>					