Project: TIS	Incident Number/Reference: 017

DESCRIPTION *(data and sequence of actions leading to fault, details of actual and expected response)*

In Formal Design S.P1229.50.1 p112, schema ValidateOpRequestOKC makes use of the inverse function KeyedOps~ to convert a KEYBOARD type to an ADMINOP type. This is not currently implemented.

Found in test:

Supporting documentation attached ~~YES~~/NO   *Continued* ~~YES~~/NO

Found during: *(use actual project stages)*	~~Reqs/Sys spec/Security Spec/Proof of Spec/Formal Design/INFORMED Design/ Proof of Design~~/Code/~~Code Proof/Integration/Sys test/Acceptance~~

Date: 18/07/2003	Signature of Originator:

EVALUATION *(include list of items affected, details of work required, other similar faults, tests to be re-run)*

KeyedOps is implemented as a lookup table buried in the Admin package body and is used within OpIsAvailable. The keyed operation is actually calculated here, so as to determine whether the current administrator has permissions to execute that operation. Both KeyedOps~ and OpIsAvailable are also only used within TISStartAdminOp, so could return a value of type Admin.OpAndNullT rather than a Boolean.

Continued ~~YES~~/NO

Classification:	~~Critical~~/ Major ~~/ Minor / Interfaces / Test / No Fault~~

Introduced during: *(use actual project stages)*	~~Reqs/Sys spec/Security Spec/Formal Design~~/INFORMED Design/ ~~Code/Integration/Sys test/Acceptance~~

Date: 18/07/2003	Signature of Evaluator:

RESPONSE *(detail how incident is to be resolved, identify cause of problem, related faults and change requests)*

Change the type returned from Admin.OpIsAvailable to Admin.OpAndNullT, so as to implement both AdminOpIsAvailable, and KeyedOps~. If the op is not available, or if it an invalid request, then return NullOp.

change INFORMED design to indicate OpIsAvailable is not a boolean pr.

Continued ~~YES~~/NO

Date: 18/07/2003	Signature of Project Manager:

IMPLEMENTATION *(if applicable)*

Assigned to: davidp	Signature of Project Manager:

Item modified	Date/Version	Signature of Checker	Signature of Integrator
INFORMED Design	1·1	*David Cooper*	
admin.ads	1.6 → 1.7		
admin.adb	1.5 → 1.6		
			Continued ~~YES~~/NO