

Experimental Areas of the PS Complex

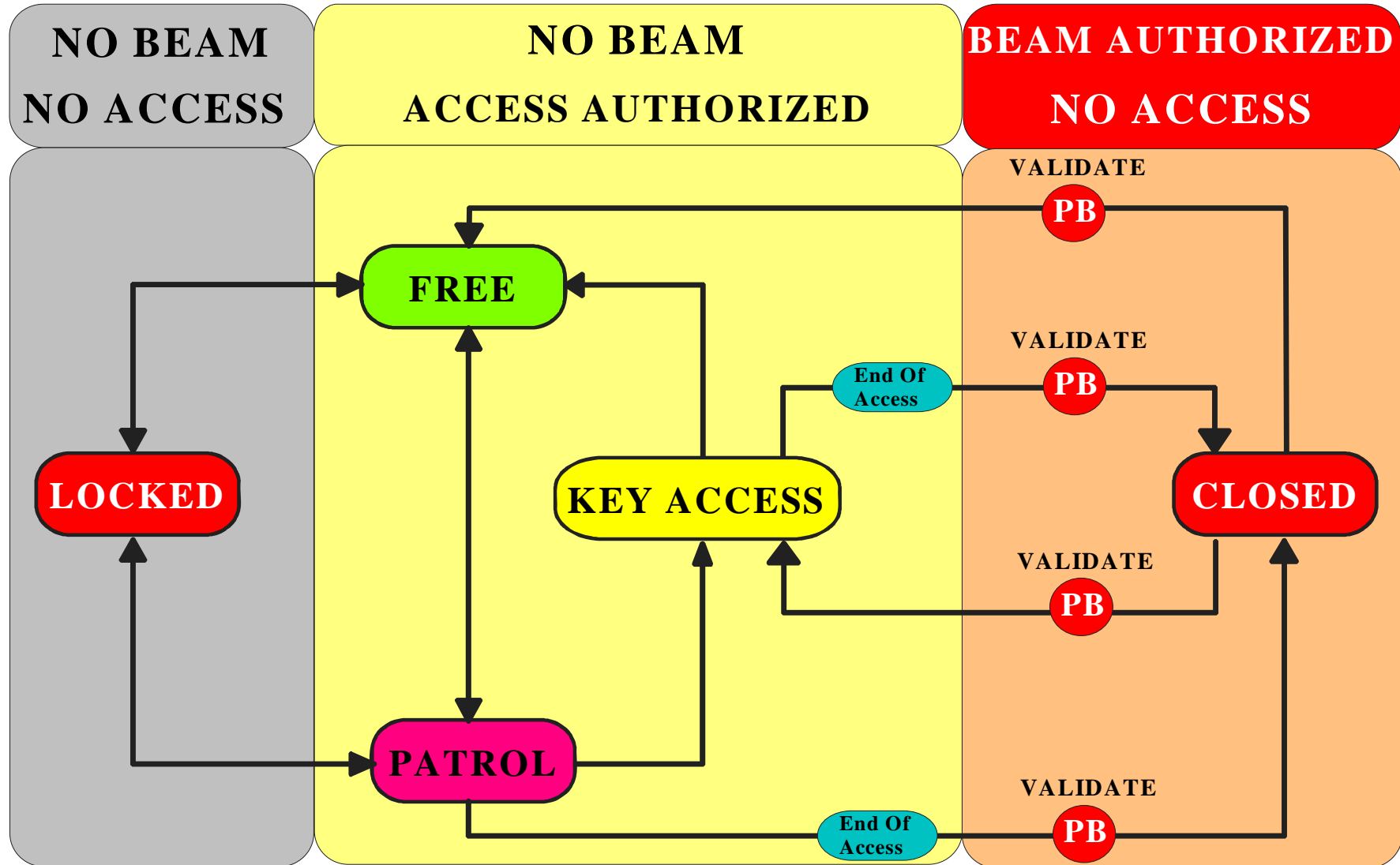
Exploitation Notes for the Access System

02 May 2007

TS-CSE-AAS

RB

ACCESS MODES



Presentation of an access point



Signalization of access modes



Touch screen for access control and commands

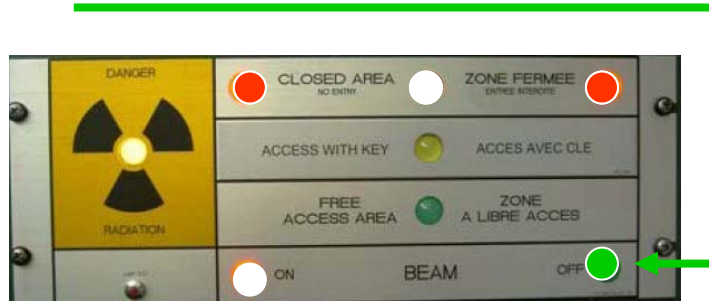


Various controls and key distributor

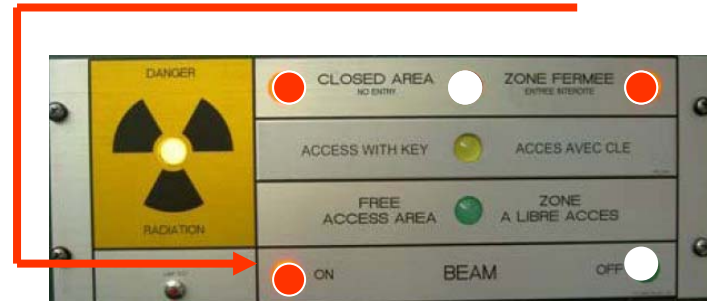
« AREA CLOSED » MODE

Beam in the zone is only authorized in AREA CLOSED mode

With BEAM OFF



With BEAM ON



Commands FREE ACCESS and ACCESS WITH KEY available



No command authorised

Signals



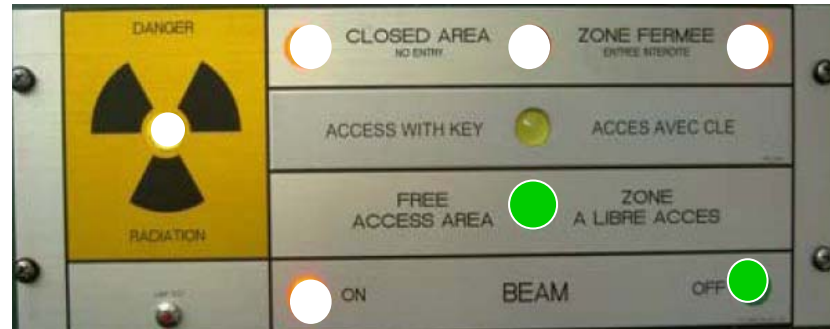
Activated

Signals



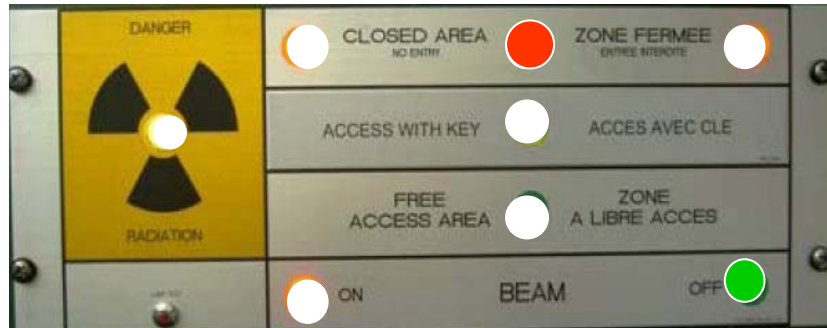
Activated

« AREA FREE » MODE



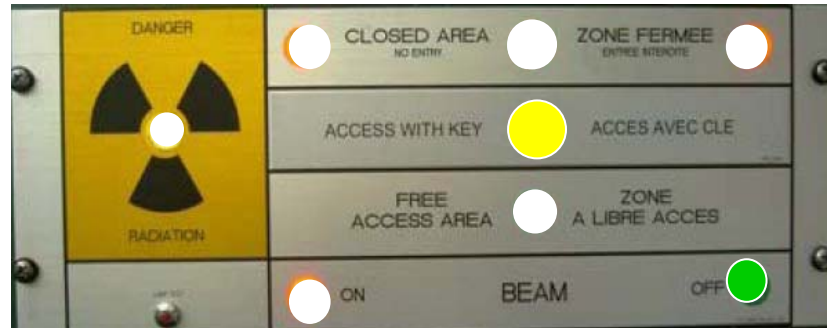
Commands PATROL MODE and
LOCKED MODE authorized

« ZONE LOCKED » MODE



Commands FREE MODE and PATROL MODE authorized

« KEY ACCESS » MODE

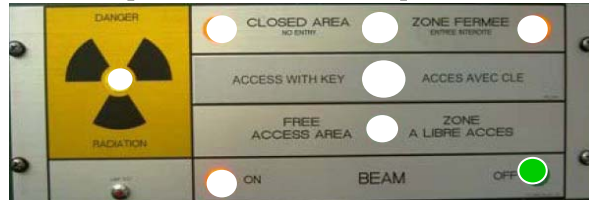


All keys are in the distributor
Commands FREE, END OF ACCESS
and KEY RELEASE are authorized



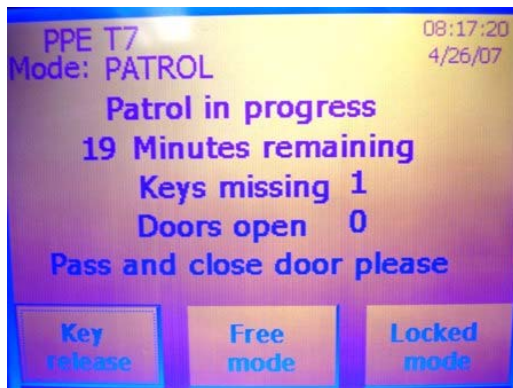
Not all keys are in the distributor.
Only KEY RELEASE is authorized

SEARCH (PATROL) SEQUENCE



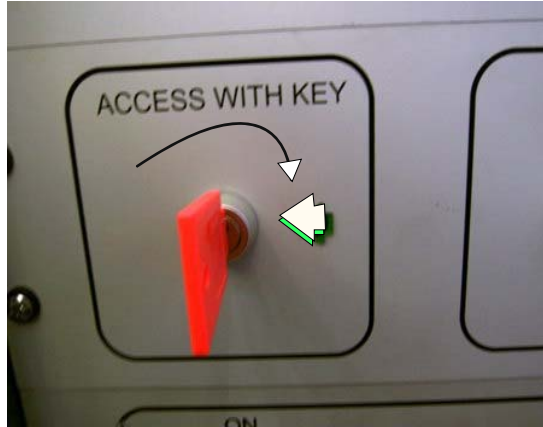
Start of Search

Take the key indicated by the light diode



Display after the key has been taken

SEARCH (PATROL) SEQUENCE (cont'd)



Liberate (open) the lock of the door

- Enter the area
- Close the door

Display after access



Rearm the search boxes

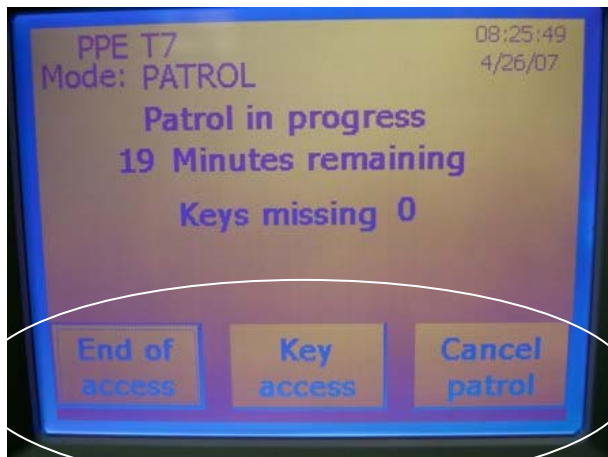
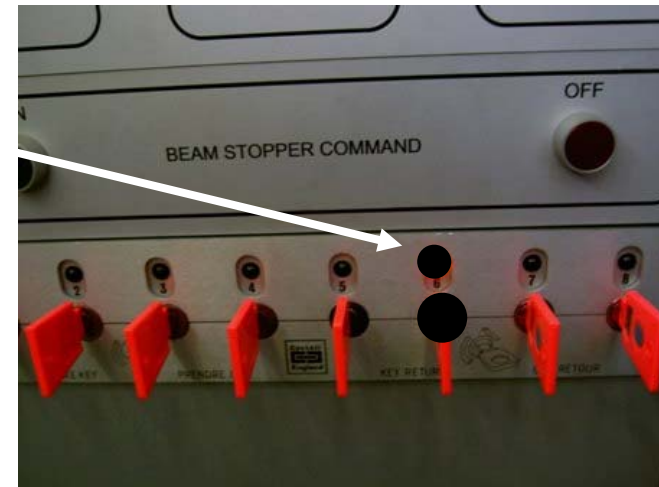
- Lights flashing before boxes are rearmed
- Continuous light once all boxes rearmed

SEARCH (PATROL) SEQUENCE (cont'd)



- Liberate the lock of the door
- Leave the area
- Close the door

Put back all the keys in the key distributor



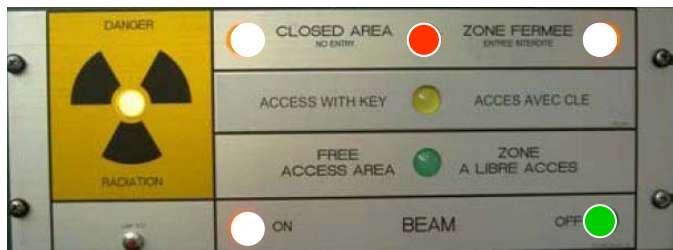
- Command « End of Access » for closed mode
- Command « Key Access »
- Command « Cancel Patrol »

SEARCH (PATROL) SEQUENCE (cont'd)

Need to validate the previous command



Validate that command by
pushing the button
VALIDATE



CLOSED MODE

OR



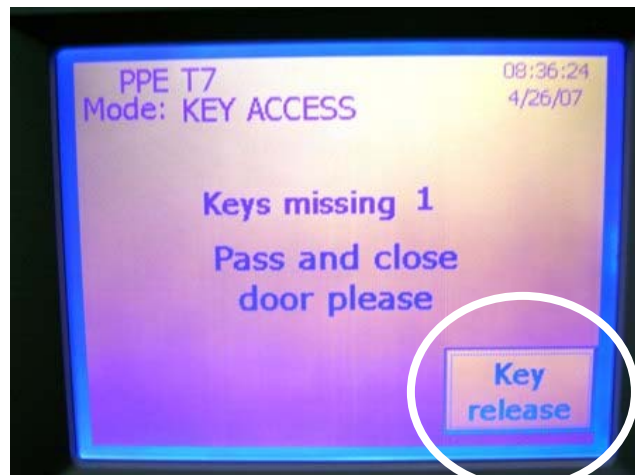
KEY ACCESS MODE

ACCES WITH KEY



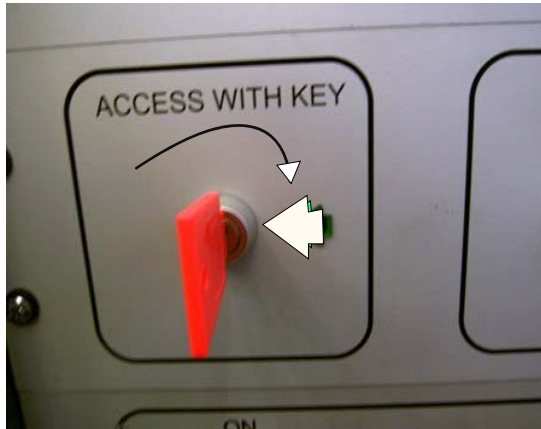
Activate the KEY RELEASE command

Take the key indicated by the diode that lights up



Display after the key has been taken. The command stays available for taking additional keys.

ACCES WITH KEY (cont'd)



- Open the lock of the door
- Enter the area
- Close the door

- Open the lock of the door
- Leave the zone
- Close the door behind you



- Put back the key(s) in the key distributor

ACCES WITH KEY (cont'd)



All keys are in the distributor.
Commands FREE, END OF ACCESS
and KEY RELEASE are authorized

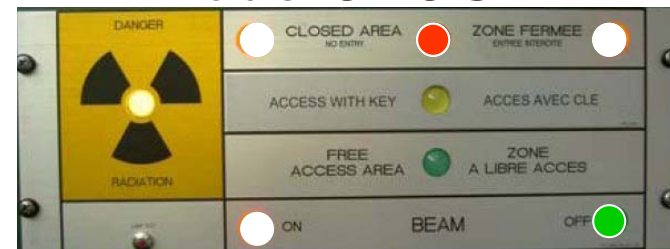
To to to AREA CLOSED mode:
- Push End of access
Validate the command with the
VALIDATE button



Mode FREE



Mode CLOSED



Does NOT require any validation

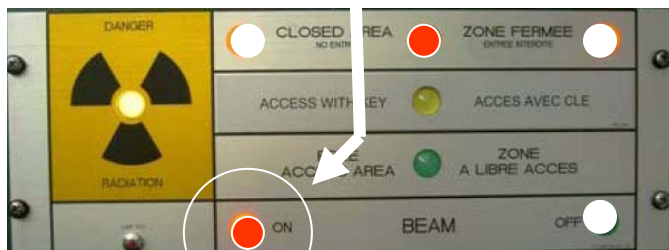
Commands Open / Close BEAM STOPPERS

OPEN BEAM STOPPER
command

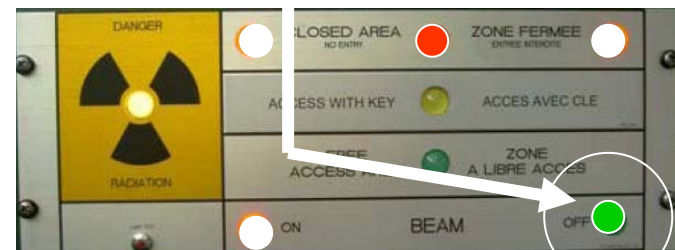
CLOSE BEAM STOPPER
command



Open command authorized
in CLOSED mode and if no MANUAL VETO



Indication BEAM STOPPER OPEN
(i.e. out of beam)



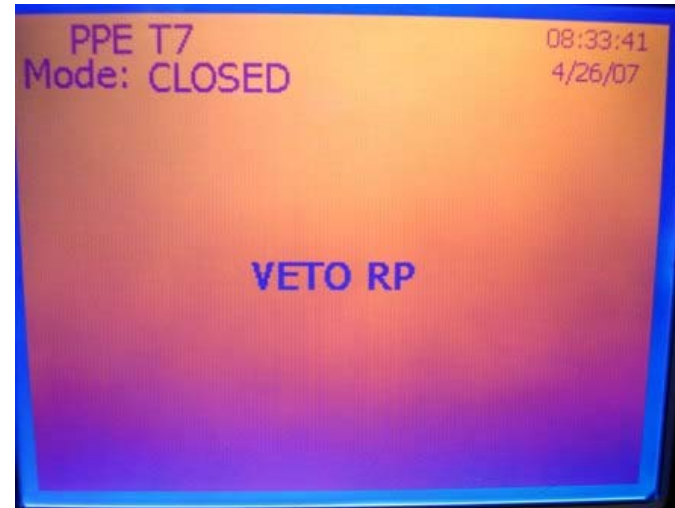
Indication BEAM STOPPER IN
(i.e. beam is stopped)

RADIO PROTECTION VETO

No mode changes are authorized at all



Radio Protection Veto
command



Display of the VETO
by Radio Protection