APPENDIX 3

This appendix gives the contents of both the context agenda and the task agenda during the analysis of the sample case that has been discussed in chapter 6. Intermediate conclusions are also given. A NIL entry on the task agenda indicates that at that particular time point there exists no more task to be executed within the corresponding context. The following listing has been obtained by responding with a "yes" to the query 'Context and task details to be printed ?' during the consultation session. As already mentioned user responses follow the greater than symbol (i.e., >).

A3.1 Contents of the Context and Task agendas

Initially agenda is NIL and s-agenda is NIL.
Contents of the task agenda are...
(((USERULES ' (RL001 RL002 RL003 RL004 RL005 RL006 RL007 RL008 RL009 RL010.... ) (UTILIZE ' (PRINT-SUMMARY)))
and contents of the context agenda are..... (CONSULT)

Current situation is CONSULT
and the current task is (USERULES ' (RL001 RL002 RL003 RL004 RL005 RL006 RL007 RL008 RL009 RL010 ...))

After the above task is taken out of the task agenda its contents are...
(((UTILIZE '(PRINT-SUMMARY)))
and the contents of context agenda are..... (CONSULT)

Rule RL009 is satisfied.

CONCLUSION: USE SECTION 25FFF.

> continue

Contents of the task agenda are...
(((USE-SEC ' 25FFF) (UTILIZE '(PRINT-SUMMARY)))
and contents of the context agenda are..... (CONSULT)
Current situation is CONSULT
and the current task is (USE-SEC ' 25FFF).

After the above task is taken out of the task agenda its contents are...
[((UTILIZE '(PRINT-SUMMARY))))
and the contents of context agenda are.....
(CONSULT)

Contents of the task agenda are...
(((FIND-FACT 'WORK-NATURE)) (USERULES '(RL025 RL026))
((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(25FFF CONSULT)

Current situation is 25FFF
and the current task is (FIND-FACT ' WORK-NATURE).

After the above task is taken out of the task agenda its contents are...
(((USERULES '(RL025 RL026))) ((UTILIZE '(PRINT-SUMMARY))))
and the contents of context agenda are.....
(25FFF CONSULT)

No value for WORK-NATURE is available. Should I continue?

> yes

The current task is (UTILIZE ' (NATURE-OF-WORK)).

Contents of the task agenda are...
(((USERULES '(RL025 RL026))) ((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(25FFF CONSULT)

Current situation is 25FFF
and the current task is (USERULES ' (RL025 RL026)).

After the above task is taken out of the task agenda its contents are...
(NIL ((UTILIZE '(PRINT-SUMMARY))))
and the contents of context agenda are.....
(25FFF CONSULT)

Rule RL026 is satisfied.

CONCLUSION: USE SECTION 25FFF1.

> continue

Contents of the task agenda are...
(((USE-SEC ' 25FFF1)) ((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(25FFF CONSULT)

Current situation is 25FFF
and the current task is (USE-SEC ' 25FFF1).

After the above task is taken out of the task agenda its contents are...
(NIL ((UTILIZE '((PRINT-SUMMARY))))
and the contents of context agenda are.....
(25FFF CONSULT)

Contents of the task agenda are...
(((FIND-FACT ' PCS)) (USERULES '(RL084 RL085 RLO86)) NIL
((UTILIZE '((PRINT-SUMMARY)))))
and contents of the context agenda are.....
(25FFF1 25FFF CONSULT)

Current situation is 25FFF1
and the current task is (FIND-FACT ' PCS).

After the above task is taken out of the task agenda its contents are...
(((USERULES '(RL084 RL085 RLO86)) NIL ((UTILIZE '((PRINT-SUMMARY)))))
and the contents of context agenda are.....
(25FFF1 25FFF CONSULT)

No value for PCS is available. Should I continue ?

> yes

The current task is (USE-SEC ' 25B).

DISPUTE FORM expanded. Do you like to see it ?

> no

Do you like to have a look at the DISPUTE details ?

> no

Contents of the task agenda are...
(((FIND-FACT ' SERVICE)) (FIND-FACT ' WORK-LEVEL))
(USERULES '(RL051 RL052)) ((USERULES '(RL084 RL085 RLO86)) NIL ((UTILIZE '((PRINT-SUMMARY)))))
and contents of the context agenda are.....
(25B 25FFF1 25FFF CONSULT)

Current situation is 25B
and the current task is (FIND-FACT ' SERVICE).
After the above task is taken out of the task agenda its contents are...
(((FIND-FACT ' WORK-LEVEL)) (USERULES '(RL051 RL052))
((USERULES '(RL084 RLO85 RLO86))) NIL ((UTILIZE '(PRINT-
SUMMARY))))
and the contents of context agenda are.....
(25B 25FFFF1 25FFF CONSULT)

No value for SERVICE is available. Should I continue?

> yes

The current task is (UTILIZE ' (SERVICE)).

Contents of the task agenda are...
(((FIND-FACT ' WORK-LEVEL)) (USERULES '(RL051 RL052))
((USERULES '(RL084 RLO85 RLO86))) NIL ((UTILIZE '(PRINT-
SUMMARY))))
and contents of the context agenda are.....
(25B 25FFFF1 25FFF CONSULT)

Current situation is 25B
and the current task is (FIND-FACT ' WORK-LEVEL).

After the above task is taken out of the task agenda its contents are...
(((USERULES '(RL051 RL052))) ((USERULES '(RL084 RLO85
RLO86))) NIL ((UTILIZE '(PRINT-SUMMARY))))
and the contents of context agenda are.....
(25B 25FFFF1 25FFF CONSULT)

Current situation is 25B
and the current task is (USERULES ' (RL051 RL052)).

After the above task is taken out of the task agenda its contents are...
(NIL ((USERULES '(RL084 RLO85 RLO86))) NIL ((UTILIZE
'(PRINT-SUMMARY))))
and the contents of context agenda are.....
(25B 25FFFF1 25FFF CONSULT)

Rule RL052 is satisfied.


> continue

Contents of the task agenda are...
(((USE-SEC ' 25B2)) ((USERULES '(RL084 RLO85 RLO86))) NIL
((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(25B 25FFFF1 25FFF CONSULT)
Current situation is 25B
and the current task is (USE-SEC ' 25B2).

After the above task is taken out of the task agenda its contents are...
(NIL ((USERULES '((RL084 RL085 RL086))) NIL ((UTILIZE '(PRINT-SUMMARY))))
and the contents of context agenda are.....
(25B 25FFP1 25FFF CONSULT)

Contents of the task agenda are...
(((UTILIZE '((PROCESS-INTERRUPT-INFO)(PCS-1)))) (USERULES
'(RL065 RL066)) NIL ((USERULES '((RL084 RL085 RL086))) NIL
((UTILIZE '(PRINT-SUMMARY)))))
and contents of the context agenda are.....
(25B2 25B 25FFP1 25FFF CONSULT)

Current situation is 25B2
and the current task is (UTILIZE ' ((PROCESS-INTERRUPT-
INFO) (PCS-1))).

After the above task is taken out of the task agenda its contents are...
(((USERULES '((RL065 RL066))) NIL ((USERULES '((RL084 RL085
RL086))) NIL ((UTILIZE '(PRINT-SUMMARY)))))
and the contents of context agenda are.....
(25B2 25B 25FFP1 25FFF CONSULT)

DISPUTE FORM expanded. Do you like to see it ?

> no

Do you like to have a look at the absent details ?

> no

The total number of days worked is 268.

Contents of the task agenda are...
(((USERULES '((RL065 RL066))) NIL ((USERULES '((RL084 RL085
RL086))) NIL ((UTILIZE '(PRINT-SUMMARY)))))
and contents of context agenda are.....
(25B2 25B 25FFP1 25FFF CONSULT)

Current situation is 25B2
and the current task is (USERULES ' (RL065 RL066)).

After the above task is taken out of the task agenda its contents are...
(NIL NIL ((USERULES '((RL084 RL085 RL086))) NIL ((UTILIZE
'(PRINT-SUMMARY)))))
and the contents of context agenda are.....
(25B2 25B 25FFP1 25FFF CONSULT)
Rule RL065 is satisfied.  
CONCLUSION: THE PERIOD OF CONTINUOUS SERVICE IS GREATER THAN ONE YEAR.

> continue

Contents of the task agenda are...
(NIL NIL ((USERULES '(RL084 RL085 RL086))) NIL ((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....

Current situation is 25B2
and the current task is NIL.

Contents of the task agenda are...
(NIL ((USERULES '(RL084 RL085 RL086))) NIL ((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(25B 25FFF1 25FFF CONSULT)

Current situation is 25B
and the current task is NIL.

Contents of the task agenda are...
((USERULES '(RL084 RL085 RL086))) NIL ((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(25FFF1 25FFF CONSULT)

Current situation is 25FFF1
and the current task is (USERULES ' (RL084 RL085 RL086)).

After the above task is taken out of the task agenda its contents are...
(NIL NIL ((UTILIZE '(PRINT-SUMMARY))))
and the contents of context agenda are.....
(25FFF1 25FFF CONSULT)

Rule RL085 is satisfied.  
CONCLUSION: THE WORKMAN IS ELIGIBLE FOR COMPENSATION.

> continue

Contents of the task agenda are...
(NIL NIL ((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(25FFF1 25FFF CONSULT)

Current situation is 25FFF1
and the current task is NIL.
Contents of the task agenda are...
(NIL ((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are....
(25FFF CONSULT)

Current situation is 25FFF
and the current task is NIL.

Contents of the task agenda are...
(((UTILIZE '(PRINT-SUMMARY))))
and contents of the context agenda are.....
(CONSULT)

Current situation is CONSULT
and the current task is (UTILIZE ' (PRINT-SUMMARY)).

After the above task is taken out of the task agenda its contents are...
(NIL)

and the contents of context agenda are.....
(CONSULT)

The execution of the task PRINT-SUMMARY generates a summary of the consultation as given in chapter 6. At this stage the current task being NIL and the current context being CONSULT, the context which was initially selected by the user, the system goes back into the TIDA environment.