act short term path request OA part harmonization

Name: short term path request OA part harmonization
Author: Stefan Schaefer
Version: 1.9
Created: 15.04.2009 00:00:00
Updated: 22.02.2011 12:52:11

RU activitiy

IM activity

send message

receive message

Legend

- Messages
- System as actor
- Person as actor
- Questions, open issues
- dotted task: a subactivity, a structured set of task
- Process step forwarding a message (and keeping a copy)
- comment for using the process/step
- changed steps for YTT

— process flow
— dotted: information flow, exchanged in messages

History:
090416 1.0 Proposal
090423 1.1 after discussion with P.Bigler
091109 1.2 after discussion in Karlsruhe with R.Hartkopf, M.Beermann, R.Achermann
091126 1.3 input from meeting Bruxelles
100119 1.4 input from meeting London
100225 1.5 meeting Basel
100617 1.6 company validation Bruxelles WG5
100909 1.7 Vienna: merge of "new/update dossier" messages
101216 1.8 London: added and adapted legend
110222 1.9 Frankfurt: added RU checks for catalogue path

Legend

- RU Harmonization
- RU Path Request
- IM Harmonization
- IM Path Offer
- RU Acceptance
- IM Booking

Path Request

Offer (Path Details)

Customer

path request for a commercial approved transportation

Cancel Request

RU

(40) check resources

(1) open new path request

(113) check for catalogue path

(12) prepare request path

TM4: path request

TM10: Receipt Confirmation

(81) cooperate in rework of path request

TM47: Answer Not Possible

[yes]

if there is an offer: send the path details

if not send "no details available"

(26) cancel traffic

End, no path

TM4: Path Request (with status "Deletion")

(30) confirm receiving message

TM5: Path details

IM

TM10: Receipt Confirmation

TM4: Path Request

(19) confirm receiving request

(63) resolve open issues with affected RU

[unsolved]

[solved]

(20) Construct path section

TM47: Answer Not Possible

(22) harmonize at border (handover)

(76) check for catalog path

(28) prepare path details

TM5: Path Details

«flow»

TM4: Path Request

Coordination Tool

(96) create new dossier

(17) update dossier

Order Tracking Tool

The two swimlanes "coordination tool" and "order tracking tool" are system lanes which show the intended actions which a future tool has to fullfill. Whether it is one or two systems which can support those funtionalities is open. The two lanes show seperated functionality for "coordination" and for "order tracking".

(15) create new order

(16) update order

(51) update order

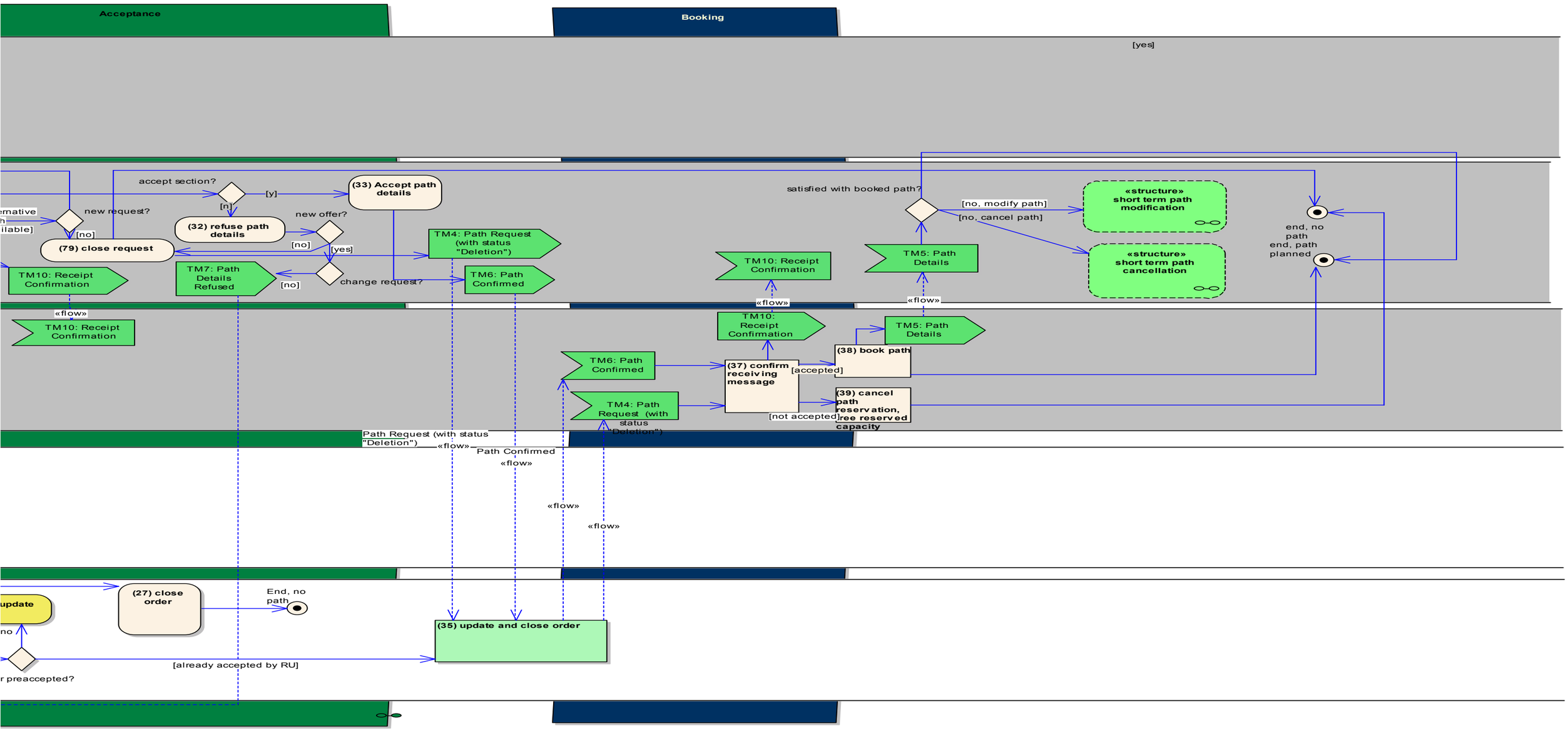
TM4: Path Request (with status deletion)

(110) send

yes

offe

TM7: Pat«flow»ls Refused


Acceptance
Booking
[yes]
accept section?
[y]
[n]
(33) Accept path details
new request?
[no]
(32) refuse path details
new offer?
(79) close request
[no]
[yes]
TM4: Path Request (with status "Deletion")
TM10: Receipt Confirmation
TM7: Path Details Refused
[no]
change request?
TM6: Path Confirmed
satisfied with booked path?
[no, modify path]
[no, cancel path]
«structure» short term path modification
«structure» short term path cancellation
end, no path
end, path planned
TM10: Receipt Confirmation
TM5: Path Details
«flow»
«flow»
«flow»
TM10: Receipt Confirmation
TM10: Receipt Confirmation
TM5: Path Details
TM6: Path Confirmed
(37) confirm receiving message
[accepted]
(38) book path
TM4: Path Request (with status "Deletion")
[not accepted]
(39) cancel path reservation, ree reserved capacity
Path Request (with status "Deletion")
«flow»
Path Confirmed
«flow»
«flow»
«flow»
(27) close order
End, no path
(35) update and close order
[already accepted by RU]