act short term path cancellation
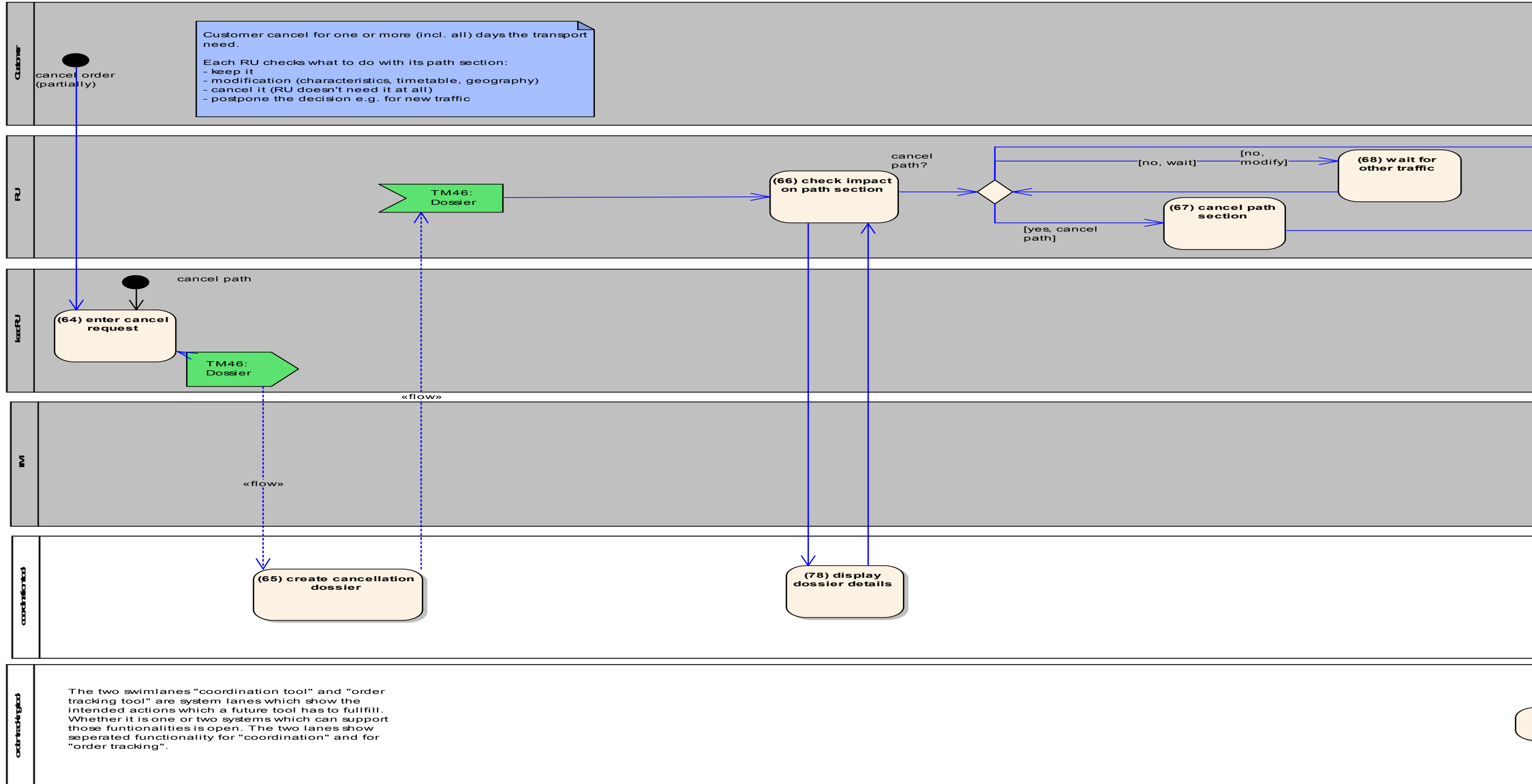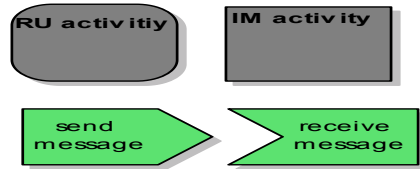
Name:	short term path cancellation
Author:	Stefan Schaefer
Version:	2.2
Created:	14.04.2009 00:00:00
Updated:	22.02.2011 12:03:13

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

short term path cancellation
History:
090416 1.0 Proposal after workshop with R.Hartkopf, M.Beermann, P.Bigler
090429 1.1 Adaption after discussion with D.Haltner
090612 1.2 Input from H.Hantak Messagenumber 5/6
091109 1.3 after discussion in Karlsruhe with R.Hartkopf, M.Beermann, R.Achermann
091126 1.4 input from meeting Bruxelles
100119 1.5 input from meeting London
100201 1.6 meeting with D.Haltner
100225 1.7 meeting Basel
100428 1.8 review Mainz WG5 meeting
100617 1.9 company validation Bruxelles WG5
100909 2.0 Vienna: merge of "new/update dossier" messages
101216 2.1 London: added and adapted legend
110221 2.2 Frankfurt: changes from Bruxelles meeting

Customer

cancel order (partially)

Customer cancel for one or more (incl. all) days the transport need.

Each RU checks what to do with its path section:
- keep it
- modification (characteristics, timetable, geography)
- cancel it (RU doesn't need it at all)
- postpone the decision e.g. for new traffic

RU

cancel path?

TM46: Dossier

(66) check impact on path section

[no, wait]

[no, modify]

(68) wait for other traffic

[yes, cancel path]

(67) cancel path section

leadRU

cancel path

(64) enter cancel request

TM46: Dossier

«flow»

IM

«flow»

coordination tool

(65) create cancellation dossier

(78) display dossier details

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".

«structure»
short term path modification

path modified, original path no longer needed?

[yes]

[no]

(69) send path cancellation

TM8: path cancelled

TM10: Receipt Confirmation

TM46: Dossier

«flow»

TM10: Receipt Confirmation

(73) remove path section

(72) confirm receiving request

TM8: path cancelled

«flow»

TM46: Dossier

TM46: Dossier

end, path section cancelled

«flow»

«flow»

«flow»

«flow»

(71) update dossier

(74) cancel path section

(70) create order cancel

(75) update state of path section

TM46: Dossier