act short term path request OA full harmonization

Name: short term path request OA full ha
Author: Stefan Schaefer
Version: 2.2
Created: 15.04.2009 00:00:00
Updated: 22.02.2011 11:00:46

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

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

Path Request | Harmonisation IMs (recommended, outside TAF/TSI) | Offer

Customer
- path request for a commercial approved transportation
- Cancel Request

RU(the only RU in this traffic)
- (1) open new path request
- (113) check for catalogue path
- (12) prepare request path
- TM4: path request
- TM10: Receipt Confirmation
- (26) cancel traffic
- End, no path
- TM47: Answer Not Possible
- TM4: Path Request (with status "Deletion")
- TM46: Dossier
- (81) cooperate in rework of path request

coordinating IM(lead)
- TM46: Dossier
- (62) check role and adapt the working sequence
- full IM harmonisation needed?
- [yes] / [n]
- (24) close harmonisation
- path harmonized?
- [y] / [n]
- (23) coordinate harmonisation
- [changed]
- TM46: Dossier
- TM47: Answer Not Possible
- - the LeadRU proposes a coordinating IM. The IMs can change the role.
  - if no IM is able to take the role the initially propsed IM will take the role.

IM
- TM10: Receipt Confirmation
- (63) resolve open issues with affected RU
- [unsolved]
- TM47: Answer Not Possible
- TM7: Path Details Refused
- path reasonable? [no] / [yes]
- TM4: Path Request
- (20) select path section
- [solved]
- (76) check for catalog path
- (19) confirm receiving request
- TM4: Path Request
- TM46: Dossier
- TM47: Update Train
- (22) harmonize at border (handover)
- (28) prepare path details

coordination tool
- (18) invite all IMs
- (25) close IM harmonisation phase
- (17) update dossier
- (96) create new dossier
- (21) update dossier

order tracking tool
- (110) send update
- wait for new changed request? [no] / [yes]
- (15) create new order
- (16) update order
- TM4: Path Request (with status deletion)
- (27) close order
- End, no path
- information to the other involved parties is missing

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".

«flow»

TM7: Path Details Refused

(Path Details)

Acceptance

Booking

[n]

[already accepted]

new request?

[no alternative path available]

TM5: Path details

(30) confirm receiving message

[no]

(79) close request

accept section?

[y]

(33) Accept path details

TM6: Path Confirmed

[n]

(32) refuse path details

new offer?

[yes]

[no]

TM4: Path Request (with status "Deletion")

TM10: Receipt Confirmation

TM7: Path Details Refused

[no]

change request?

End, no path

TM10: Receipt Confirmation

End, path received

[yes]

satisfied with booked path?

[no, modify path]

[no, cancel path]

«structure» short term path modification

«structure» short term path cancellation

TM5: Path Details

«flow»

«flow»

«flow»

«flow»

TM5: Path Details

if there is an offer: send the path details if not send "no details available"

«flow»

TM10: Receipt Confirmation

Path Confirmed

«flow»

Path Request (with status "Deletion")

«flow»

TM6: Path Confirmed

TM4: Path Request (with status "Deletion")

TM10: Receipt Confirmation

[accepted]

[not accepted]

(37) confirm receiving message

TM5: Path Details

(38) book path

(39) cancel path reservation, free reserved capacity

«flow»

«flow»

«flow»

(36) update dossier

(110) send update

no

(29) update order

yes

offer preaccepted?

[already accepted by RU]

(35) update and close order