

Summary

This document contains the functional description of modifying the service need. This functionality is implemented to help crew trackers reduce the crew need below the normal service need on specific flights.

Change History

Version	Author	Date	Description
1.0	Stefan Hansson	14-May-07	Initial version based on the Tracking time box 8 delivery.
1.1	Stefan Hansson	20-Sep-07	The commands are now available from both the Roster and Trip views.

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1. Reduce Service Need

For legs having an additional service need in the AS or AH position, the need can be reduced by issuing a command from the object menu in Studio. The need can not be reduced below the JAR need, so the menu choice will be available only if the SRVC need exceeds the JAR need.

The command is available for a Studio tracker from the Trip Object menu in the Trip View and from the Assignment Object menu in the Roster view.

Reduction is made by one crew at a time, so in order to reduce both AS and AH, or to reduce by more than one in a position, the command must be issued several times.

1.1. Reducing Service Need for Several Legs

When the Reduce Service Need command is executed, all marked legs within the current trip will be affected.

Example: In order to reduce the service need for a whole trip, double-click one of the trip's legs and select the Reduce command from the leg object menu. If there are marked legs with no reducible need, these legs will simply be ignored.

1.2. Reducing Service Need in the Trip View

Reduction is only available for the position (AS/AH) for which the trip is built.

If there is no remaining crew need in the trip object after the reduction, the trip will be removed.

1 Trips		May 10 12	18
1AH		SK 1523 ARN 1410 1650 LHR	SK 1524 1805 2030 ARN
1AH			
2154 rows			
3 Rosters		May 10 12	18
PETERSSON PO		SK 1523 ARN 1410 1650 LHR	SK 1524 1805 2030 ARN
11628 STO			
WIDMELVICHÉ AS		SK 1523 ARN 1410 1650 LHR	SK 1524 1805 2030 ARN
13544 STO			
LINDQVIST JH		SK 1523 ARN 1410 1650 LHR	SK 1524 1805 2030 ARN
16105 STO			
WILHELMSSON AS		SK 1523 ARN 1410 1650 LHR	SK 1524 1805 2030 ARN
11640 STO			
WILHELMSSON JH		SK 1523 ARN 1410 1650 LHR	SK 1524 1805 2030 ARN
19934 STO			
SK1523 ARN - LHR		LEG FLT 2h40 CXN 1h15 P90 23 M8C J SKS Pos:	
Sched: 14:10-16:50		DUTY DUT 7h40 CXN N/A REST N/A	S.Manning: -1 AH
Act: 00:00-00:00		TRIP DUT 7h40 CI 13:20 CO 20:45	JAR Manning:
Changes: None		WOP DUT 7h40 P270 46	Service Need: 2/4

Figure [1] Open time for 1 AH. The user has marked the whole trip.

Both legs in this trip have an additional service need of 1 AH.

Trip Object	
Assign	Ctrl+g
Modify Need	▶
	Reduce AS
	Reduce AH
	Reset AS
	Reset AH

Figure [2] Trip Object menu selected from one of the legs in the trip.

The 'Reduce AH' function will reduce the additional AH service need by 1, leaving it at 0. The trip was built for 1 AH, so it is removed.

SK1523 ARN - LHR	LEG FLT 2h40 CXN 1h15 P90 23 M8C J SKS Pos: AH
Sched: 14:10-16:50	DUTY DUT 7h40 CXN N/A REST 16h45 S.Manning: Complete
Act: 00:00-00:00	TRIP DUT 7h40 CI 13:20 CO 20:45 JAR Manning:
Changes: None	WOP DUT 34h16 P270 166 Service Need: 2/3

Figure [3] After the AH need is reduced, there is no open time.

1.3. Reducing Service Need in the Roster View

Reduction can be made for AS and AH, regardless the current crew's position. The command is available from the Assignment Object -> Change Marked Legs -> Change Need menu.

Please note that the command will only reduce need on marked legs in the trip from which it was issued. If there are marked legs on other trips (and rosters), these will **not** be affected.

After reducing the need the legs will remain assigned, possibly leaving overbooked legs. These legs must be manually deassigned from the desired roster.

2. **Reset Service Need**

For legs with reduced service need the need can be reset to normal service need via the *Reset AS/AH* commands as seen in Figure [2] . Resetting the need will create open time trips if the command results in underbooked legs where no corresponding unassigned trips exist.

The command is available in the Roster and Trip views from the same menus as the Reduce Service Need commands described above.