JEPPESEN
Making Every Mission Possible

SAS CMS Project
Buy Days functionality

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Version	1.0

Summary

Buy days enables the crew tracker (CT) to set a tag on assigned production to indicate that the day covered by the production is originally planned as off-duty time. The functionality is a first version with limitation on the functionality.

Change History

Version	Author	Date	Description
1.0	Markus Kollind	8-Mars-2007	Creation of document.

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1. Buy Days functionality

The info codes FX, FX7 and VX are replaced by functionality for tagging a day as bought by the company. Several days can be tagged at the same time and the tag can then be cancelled again on one or several of the days.

The tags are applied on assigned production and all days touched by the selected production are tagged as bought. When a day is tagged as bought the whole day will be coloured with light blue. A bought day will then be coloured as long as there is production on it or until the tag is removed.
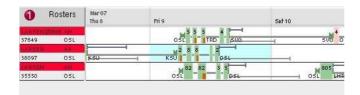
If the production assigned to a bought day is changed, the day will remain tagged as a bought day as long as there is any production remaining. If all production is removed from a tagged day, the day will no longer be coloured. But if new production is added, the day will be automatically coloured again.

1.1. User Interface

Changing the bought day tag of a day is done through the Buy Days sub menu in the Assignment Object menu. By marking one or several legs and selecting the Mark Days option, a dialog is displayed for the user.

In the dialog the user can select what type of day that is bought and add a comment, if needed. When pressing "OK" all days touched by the marked legs are tagged as bought and the days will be coloured light blue. Putting the courser at the blue mark will display some information about the operation in the info window.

In the sub menu there is also an option for removing tags for days. By selecting production on one or several bought days and selecting the Unmark Days option in the menu, the days will no longer be marked as bought.

1.1.1 Remaining Implementation

When tagging a days as bought, it should not be possible to tag it as a different type than what it was when the day was planned. So the selection menu in the dialog will later be removed and the day type will automatically be calculated.

There are several rules that need to be adjusted for handling bought days. All non-governmental rules concerning freedays will have to be remodelled to handle this.