

Guidance

G2120

Examples of updating Waterloo and City line timetables

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1 Purpose

The purpose of this Guidance is to give examples of timetable updates for the Waterloo and City line.

2 Scope

This guidance document describes the method of creating / modifying a timetable on the Waterloo & City EbiScreen System. All work on timetables is done on the Engineer's Workstation at the Waterloo Control Centre.

This manual is written in 5 parts:-

- Shortening the current timetable.
- Extending the current timetable.
- Change of timetable.
- Inserting a special timetable within a current timetable e.g. Football / Shopping.
- Inserting a number of special timetables within a current timetable e.g. Christmas / New Year / Easter

3 Guidance

3.1 Overview

3.1.1 Training system

It is **important** that the times and dates are synchronised on the 'Waterloo', 'City' servers and 'Napoleon' client on the training system at Acton. Failure to do so will result in the client being unable to connect to the servers.

3.1.2 Live System

It is again important that the entire system is synchronised. One further requirement is that you must be possession of a Non Safety Authority to Work (AWC) before making changes to the timetables / schedules.

3.1.3 Nomenclature

Timetables on the Waterloo & City Line 'run' as a Periodic schedule. The Periodic schedule will have a name such as WTT6 and a START and END Date. Raw timetables are received from the Timetable Office as CUFF files. These CUFF files are uploaded to the system and loaded into the Periodic schedule to form a timetable PLAN.

3.1.4 Login

Login as **Ebitech** with the password of **Tmsroot**. Select the EbiScreen Icon (Steam Train).

Click on '**System**' (upper left hand corner of screen) and select '**Logon**'. Enter user '**timetable**' with the password '**timetable**'.

3.2 General Steps for timetables

3.2.1 Manage Periodic Schedules

Select – Tools -> Timetable Builder -> Periodic Schedule

- Modify current Periodic Schedule
- Create new Periodic Schedule(s)
- Copy the MASTERPLAN to any new Periodic Schedules remembering to select 'Fix to Fit Target'
- Exit Timetable Builder

3.2.2 Load CUFF files

Select – Tools -> Timetable Import

- Load Timetables into D: EbiScreen3_4/ from CLEAN USB Drive plugged into the off-line Workstation (not Server).
- Import the CUFF files and confirm they validate.
- From the EbiScreen menu select Periodic Schedule and select the Periodic Schedule to apply the CUFF files to.
- Build the timetable by selecting 'Build Timetable' from the EbiScreen menu.

3.2.3 Timetable Load Test

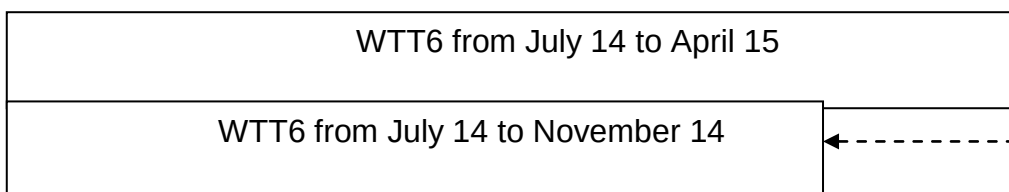
Select – Tools -> Timetable Import

- Generate a Trip Report for Monday / Friday and Saturday. No Service on a Sunday!

3.3 Shortening the current timetable

3.3.1 Modifying the original schedule

For example let us assume that we have WTT6 running from July 14 until July 15 and we wish to shorten it (so that we can change the timetable)



The current timetable is shortened using the following steps:-

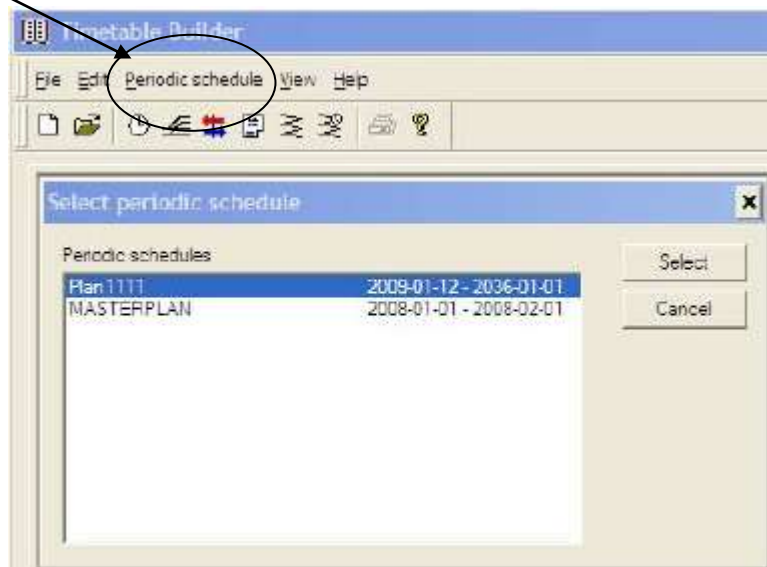
1. Logon to the Engineers Console
2. Select Tools and login to Timetable Builder
3. Select Period Schedule from the Timetable Builder menu
4. Select the Plan that you wish to shorten
5. Select the end date and then select update.

The steps shown below as Ebi Screen Instructions:

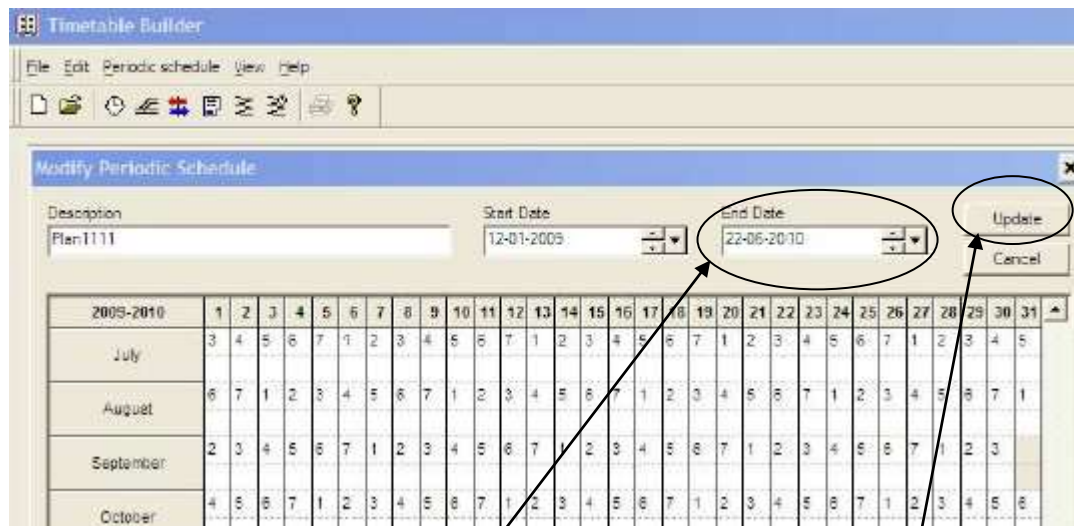
1. Assuming that the Workstation and Monitor are switched on, then WIN key + L to select EbiTech:-
Login to the workstation as **EbiTech** with a password [**Tmsroot**]
2. Login into the workstation as with a Username of timetable [and password: timetable].
Select '**Tools** → **Timetable Builder**:
and Login as **Timetable** [and password: **timetable**].



3. Select '**Periodic Schedule**' and then highlight the file you wish to modify.



4. Then, select the Plan (in this case Plan 1111 has been selected) and click on '**Select**'

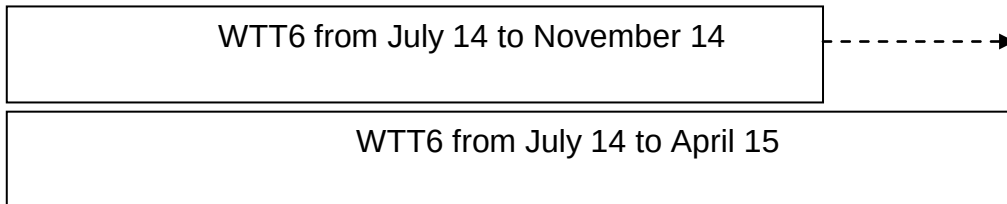


5. We now have to modify the 'Plan' **End Date** so that it ends on 21st December 14
Click '**Update**'

3.4 Extending the current timetable

3.4.1 Modifying the original schedule

For example let us assume that we have WTT6 running from July 14 until Nov 14 and we wish to extend it for example, to run up to where a new timetable begins, April 15.



The current timetable is extended using the following steps:-

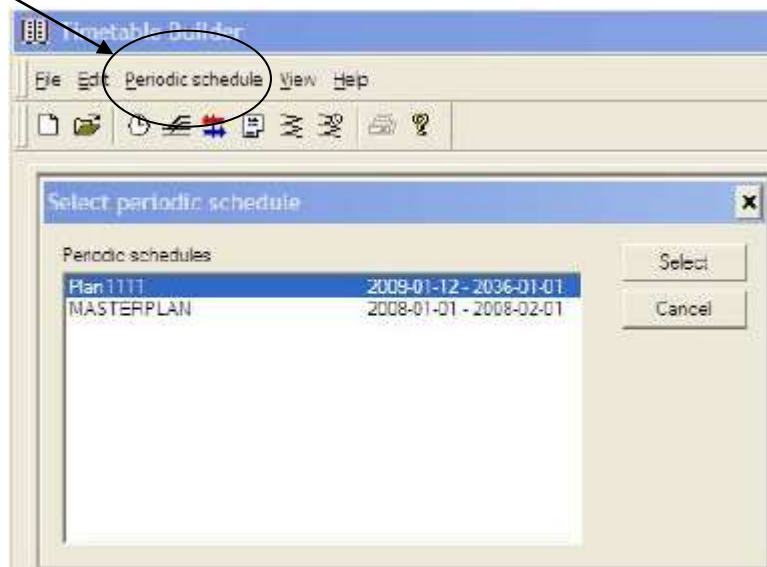
1. Logon to the Engineers Console as EbiTech
2. Select Tools and login to Timetable Builder
3. Select Period Schedule from the Timetable Builder menu
4. Select the Plan that you wish to extend
5. Select the end date and then select update.
6. Copy the MASTERPLAN to the updated PLAN. Remember to select 'All', 'Delete contents before copying' and 'Fix to target'.
7. Exit Timetable Builder
8. Logon to Timetable Importer
9. Select and import the appropriate CUFF files. Check that the CHECKSUM matches that predicted.
10. Select the PERIODIC SCHEDULE and then build the timetable.
11. Logout of Timetable Importer.

The steps shown below as Ebi Screen Instructions:

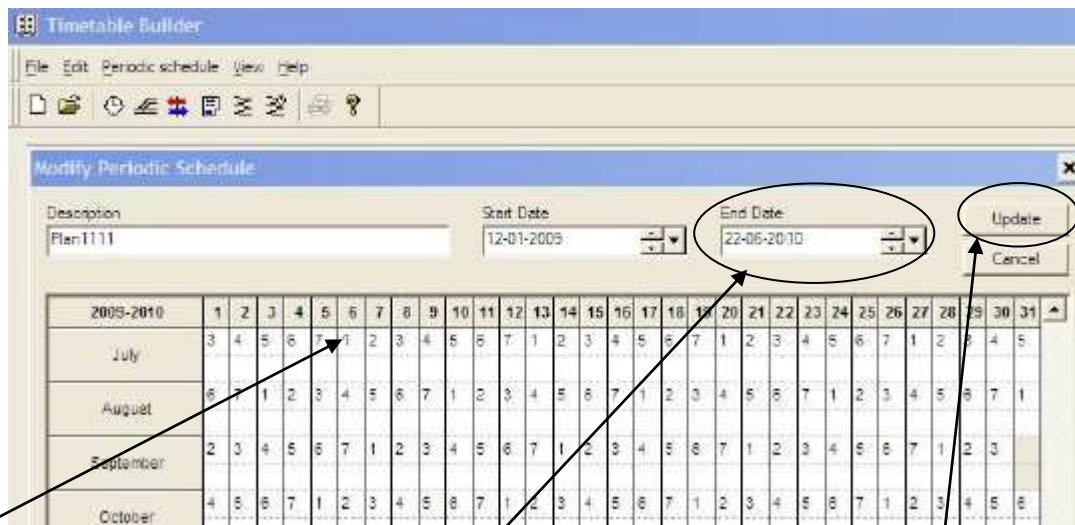
1. Assuming that the Workstation and Monitor are switched on, then WIN key + L to select EbiTech:-
Login to the workstation as **EbiTech** with a password [**Tmsroot**]
2. Login into the workstation as with a Username of timetable [and password: timetable].
Select '**Tools** → **Timetable Builder**:
and Login as **Timetable** [and password: **timetable**].



3. Select 'Periodic Schedule' and then highlight the file you wish to extend.



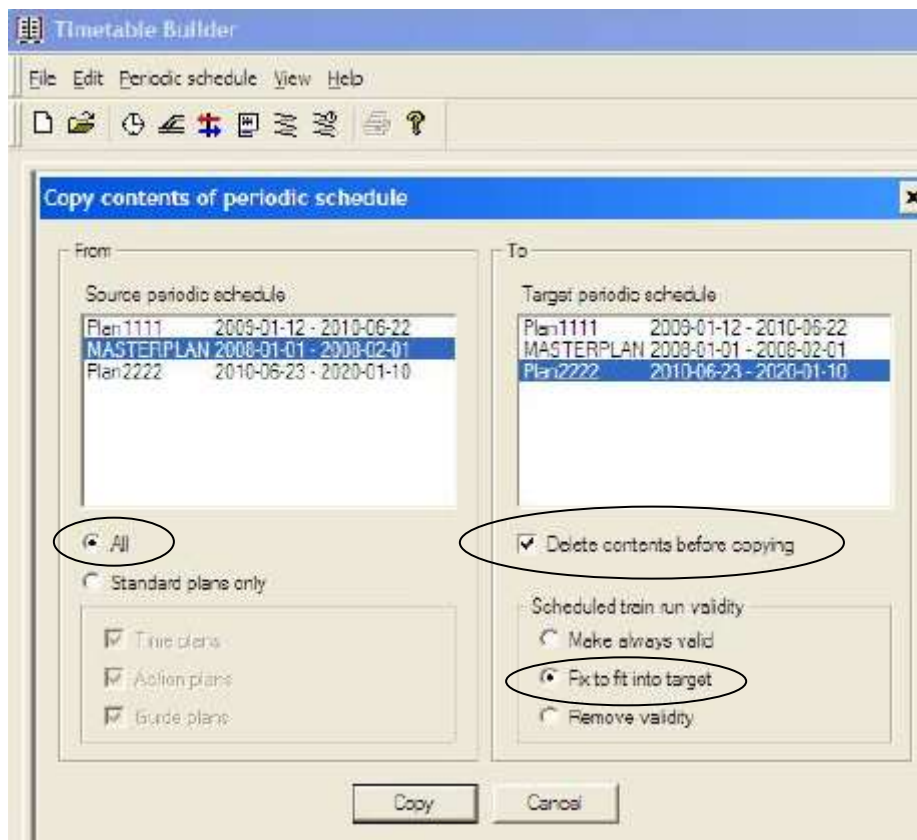
4. Then, select the Plan (in this case Plan 1111 has been selected) and click on 'Select'



5. We now have to modify the 'Plan' End Date so that it ends in April 15
Click 'Update'

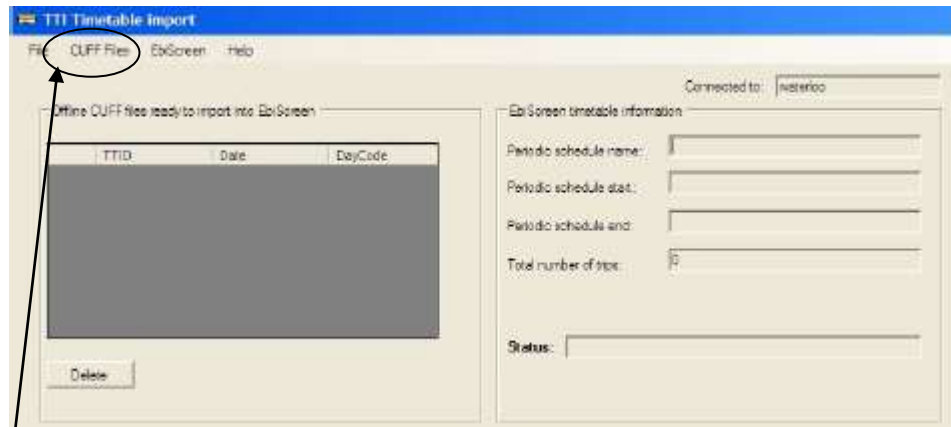
These figures (1 = Monday.....7 = Sunday) can be updated if the Timetable doesn't load owing to a wrong day mapping.

6. The next step is to copy the MASTERPLAN (that contains all the routing information) into the PERIODIC SCHEDULE we wish to extend. Select from the top menu 'Periodic schedule' and then 'Copy':-

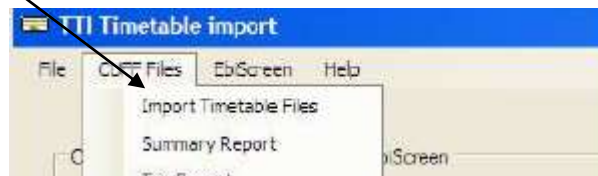


7. Logout of Timetable Builder.

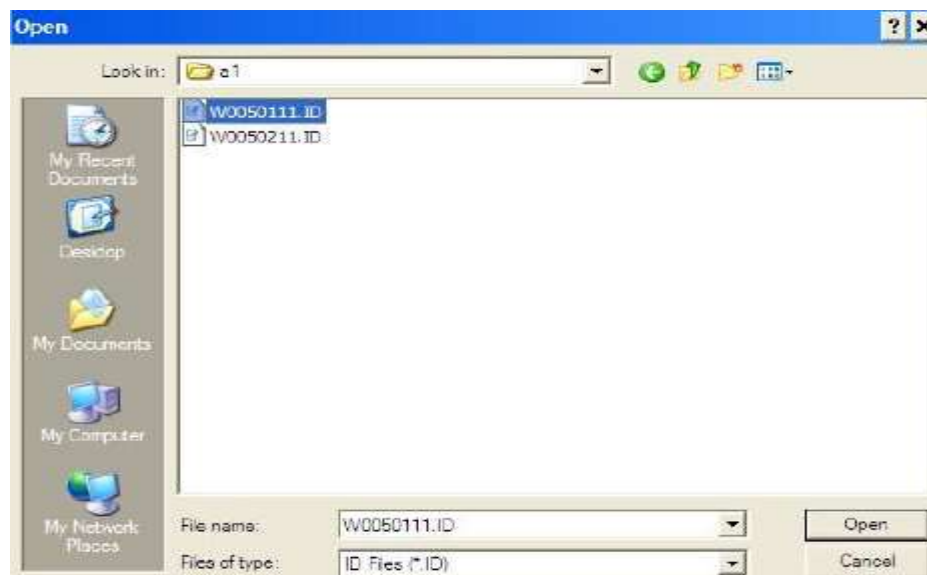
8. From the Timetable menu bar select the 'Tools' option then 'Timetable import'



9. Click on CUFF Files to obtain a drop down menu. From the drop down menu select **Import Timetable Files**.

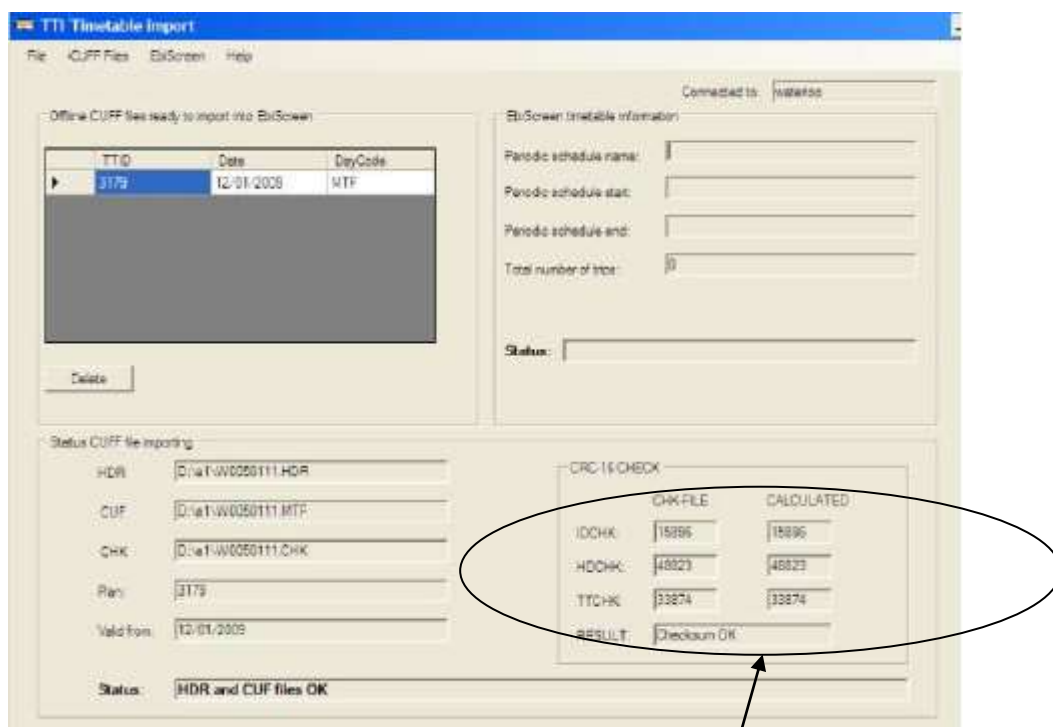


The CUFF files to be imported can be supplied on a USB stick or CD. An 'Open' dialogue box is then displayed:



Select **ONE** timetable at a time (only the .ID files are shown)

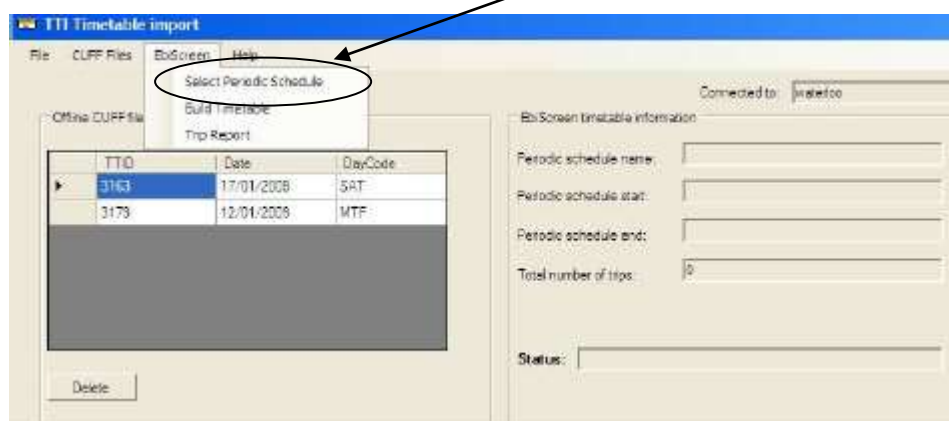
Select 'Open' and the CUFF file will be imported:-



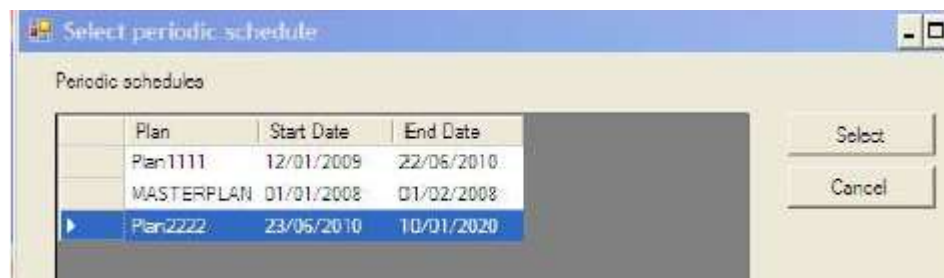
Confirm that the Checksums match and that it's OK.

The dialogue shows that the Monday to Friday files have been imported. **Remember to import the Saturday and Sunday files into the same Plan as well!** **NOTE:** Only one set of timetable files can be imported at a time.

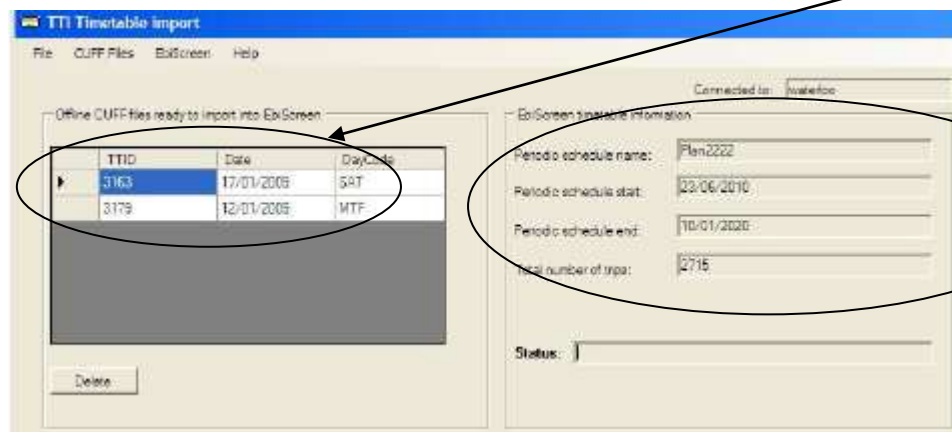
10. From Timetable Importer select 'EbiScreen' then 'Select Periodic Schedule':-



11. Select the PERIODIC SCHEDULE that you want to extend:

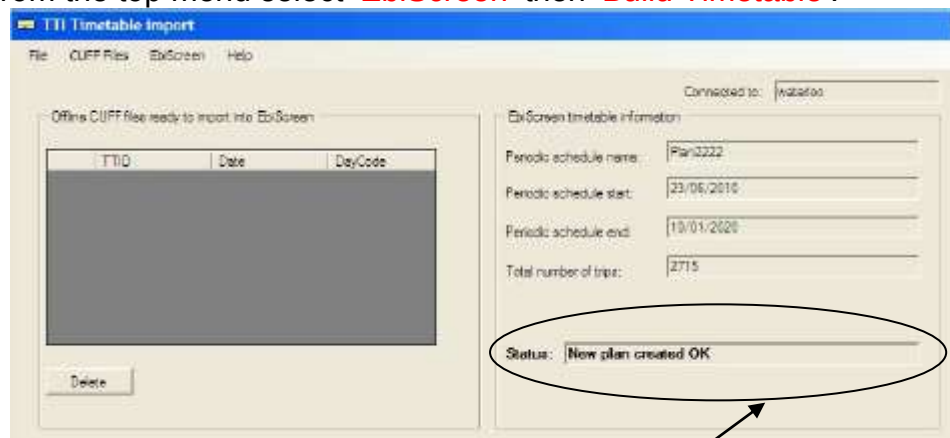


The main dialogue window now displays the basic 'EbiScreen' timetable information on the right hand side and the CUFF files that are to be used for the build on the left:-



Select the MTF, SAT and SUN files by using shift and selecting all files
We then build the timetable from validated CUFF files displayed on the left hand side.

From the top menu select 'EbiScreen' then 'Build Timetable':-



When the build is successful this message will be displayed.
From **EbiScreen** drop down menu select **Trip Report** to confirm timetable build was successful

	Plan	Train	Trip	Departure	Day	Route
▶	3179	201	1	06:20:30	Monday	Waterloo-BankP7-Injection
	3179	201	3	06:26:45	Monday	BankP7-Waterloo
	3179	201	5	06:34:45	Monday	Waterloo-BankP7
	3179	201	7	06:40:45	Monday	BankP7-Waterloo
	3179	201	9	06:48:30	Monday	Waterloo-BankP7
	3179	201	10	06:54:15	Monday	BankP7-Waterloo
	3179	201	11	07:03:15	Monday	Waterloo-BankP7
	3179	201	12	07:08:45	Monday	BankP7-Waterloo
	3179	201	13	07:17:00	Monday	Waterloo-BankP7
	3179	201	14	07:22:30	Monday	BankP7-Waterloo
	3179	201	15	07:30:45	Monday	Waterloo-BankP7
	3179	201	16	07:36:15	Monday	BankP7-Waterloo
	3179	201	17	07:44:30	Monday	Waterloo-BankP7
	3179	201	18	07:50:00	Monday	BankP7-Waterloo
	3179	201	19	07:58:15	Monday	Waterloo-BankP7
	3179	201	20	08:03:45	Monday	BankP7-Waterloo
	3179	201	21	08:12:00	Monday	Waterloo-BankP7
	3179	201	22	08:17:30	Monday	BankP7-Waterloo
	3179	201	23	08:25:45	Monday	Waterloo-BankP7