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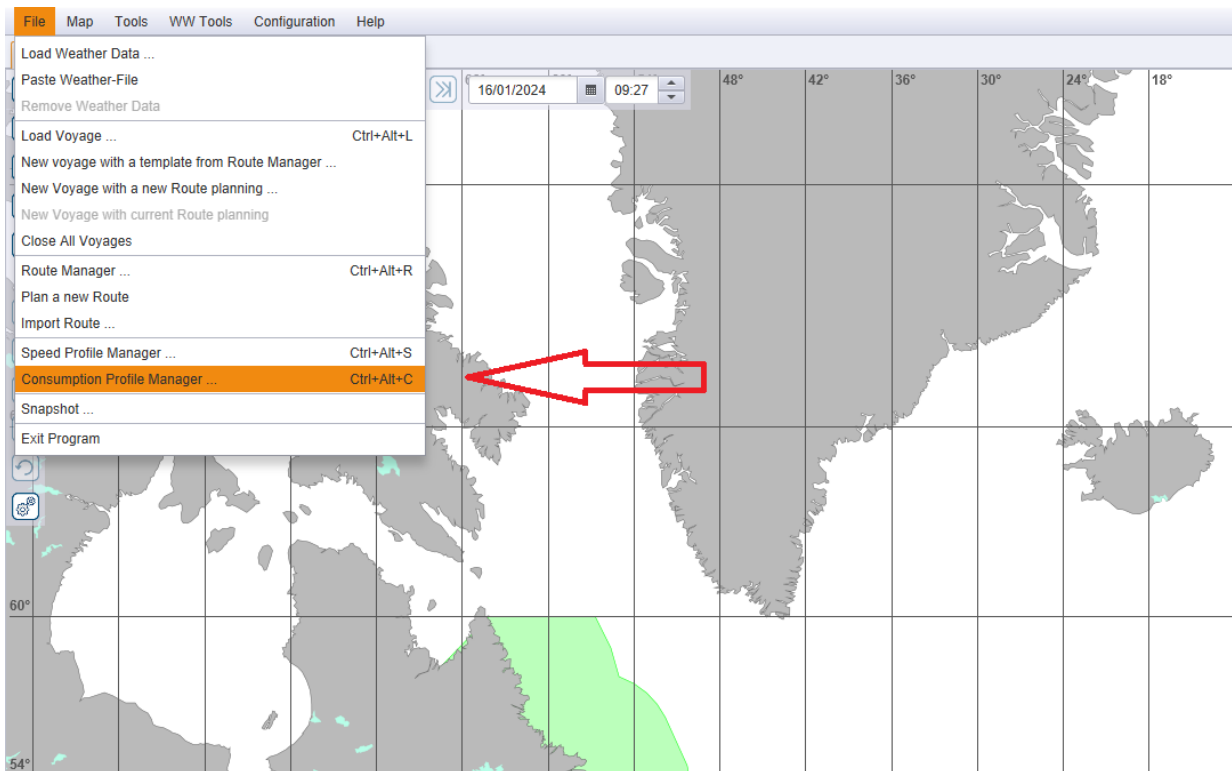
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1. Consumption Profiles:

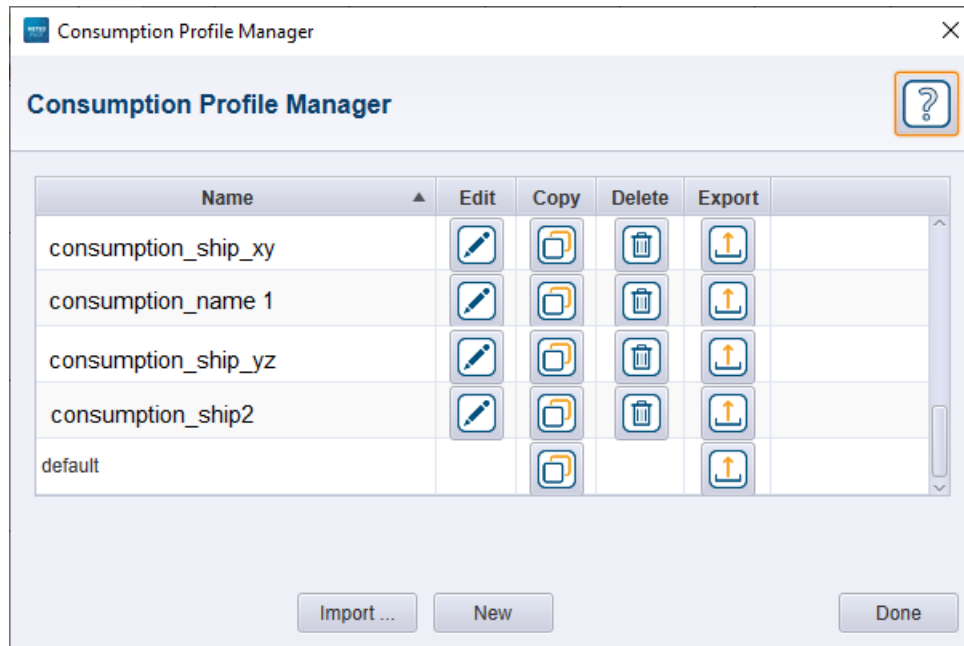
METEO PILOT uses different profiles for calculating speed and consumption performance figures on a specific voyage.

Therefore a profile management for different speed profiles and consumption profiles can be done respectively.

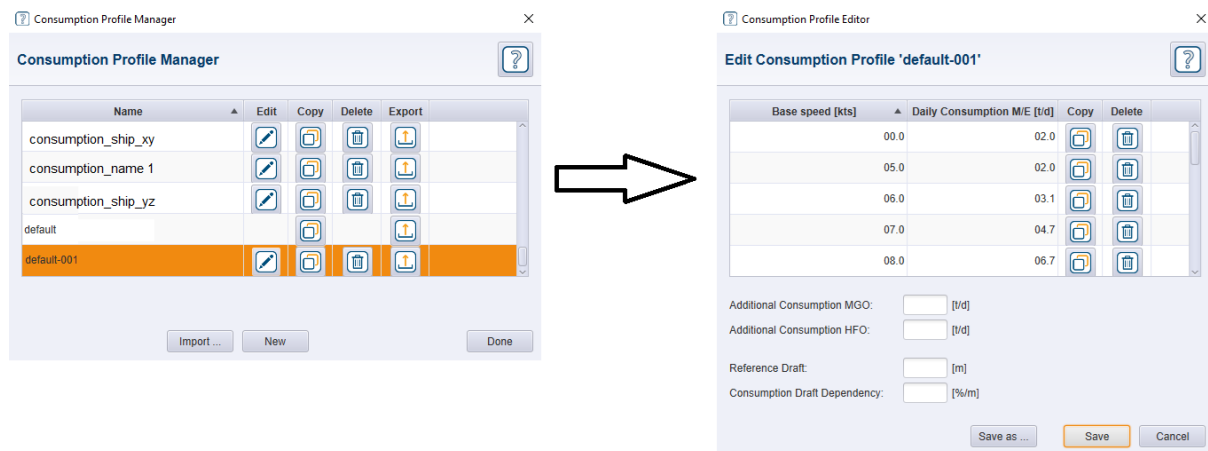
(A) Create New Consumption Profiles:



Go to main menu → File → Consumption Profile Manager



The Consumption Profile Manager lists all consumption profiles. To add a new consumption profile copy the default profile and click on 'edit'



The Consumption Profile Editor opens and allows you to define the specifications of the ship consumption at different base speeds (associated to your engine load).

The green row is intended to depict the values for ECO-speed and consumption.

The orange-red row is intended to depict the values for consumption at maximum speed of the ship.

At least those two columns shall be part of this profile in order to calculate consumption. They cannot be deleted.

Click 'copy' for inserting new rows.

DoubleClick into the cells for defining the ships speed and consumption values:

Consumption Profile Editor

Edit Consumption Profile 'default-001'

Base speed [kts]	Daily Consumption M/E [t/d]	Copy	Delete
11.0	15.8		
12.0	20.1		
13.0	25.1		
14.5	37.5		
16.0	90.0		

Additional Consumption MGO: [t/d]

Additional Consumption HFO: [t/d]

Reference Draft: [m]

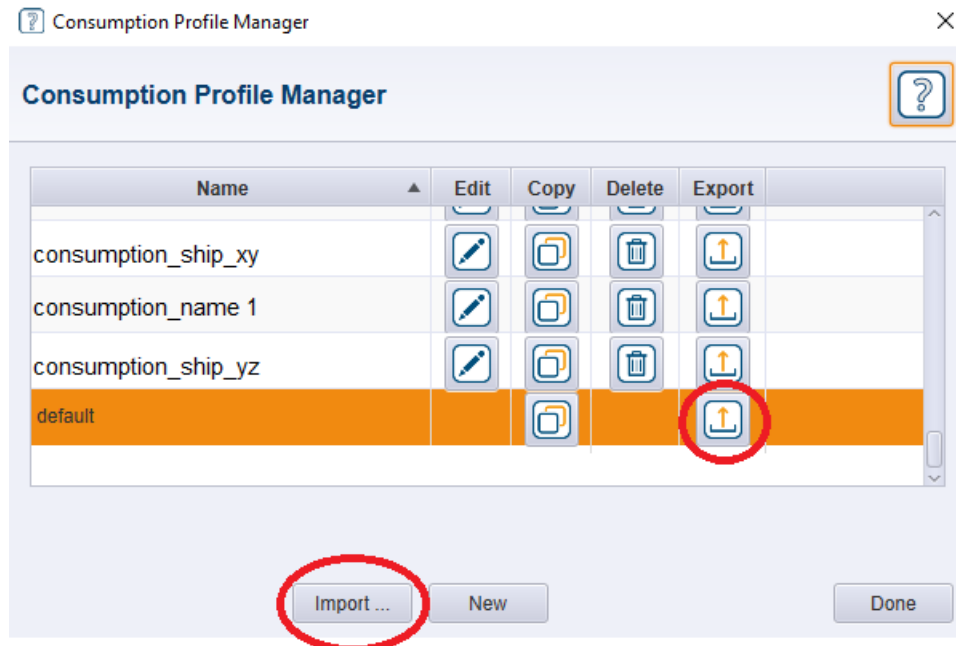
Consumption Draft Dependency: [%/m]

Save as ... Save Cancel

Once the consumption profile has been finalized save the consumption profile.

Rename any new profile by double-clicking on the name.

(B) Import / Export Consumption Profiles:



METEO PILOT consumption profiles can be exported and imported as a json-file. Use the import / export buttons in the consumption profile manager to do this.

With this function it is possible to store different profiles on the local drive and distribute them from/to other PC's for a central profile management.

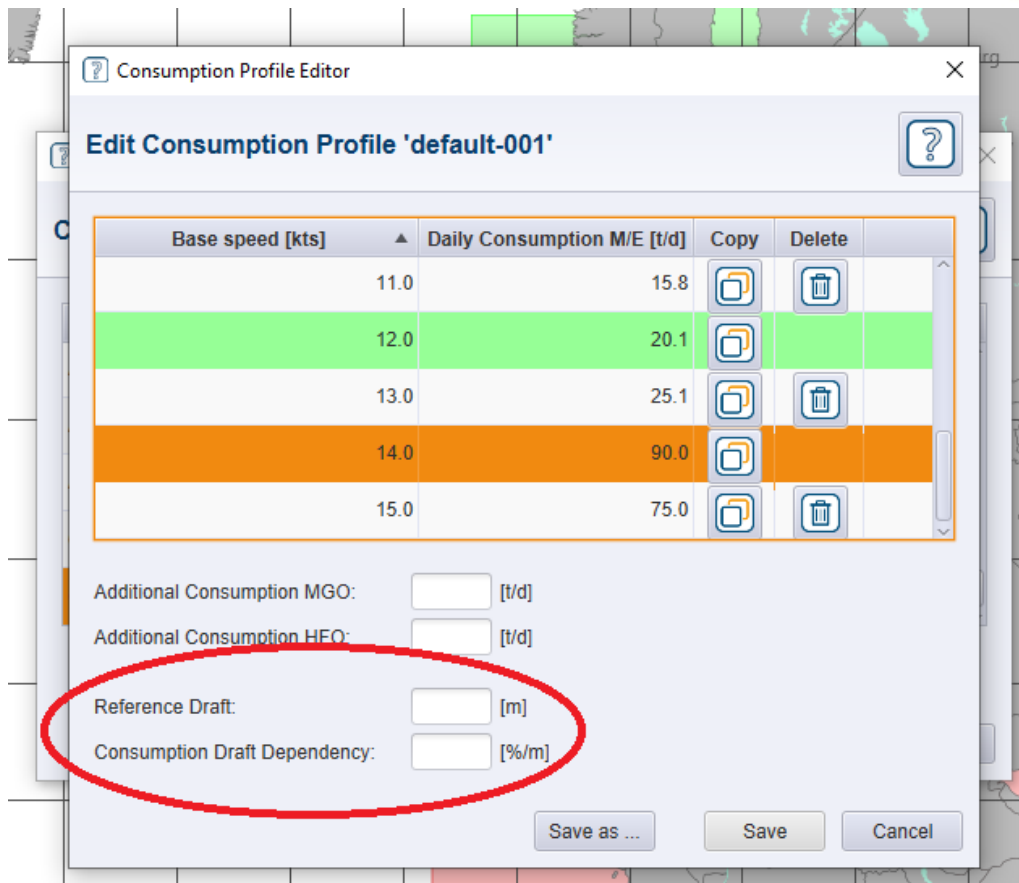
(C) Additional Parameters in Consumption Profile

In **METEO** PILOT the consumption profiles contain two additional parameters:

1. Reference Draft
2. Consumption Draft Dependency

To reflect the fact that the consumption of the vessel increases with its draft, the consumption profile provides a reference draft, where the speed/consumption ratio within the profile is applied without changes.

The consumption draft dependency is an additional factor of how much (in percent) more (or less) the real consumption is with each meter of more (or less) draft.



Consumption Profile Editor

Edit Consumption Profile 'default-001'

Base speed [kts]	Daily Consumption M/E [t/d]	Copy	Delete
11.0	15.8		
12.0	20.1		
13.0	25.1		
14.0	90.0		
15.0	75.0		

Additional Consumption MGO: [t/d]

Additional Consumption HFO: [t/d]

Reference Draft: [m]

Consumption Draft Dependency: [%/m]

Save as ... Save Cancel

If a voyage gets created, a consumption profile must be integrated into the voyage for consumption/cost calculation.

The calculation for the 'real' consumption on this voyage is applied to the actual draft (see 'HowTo_create voyages') in combination with the draft consumption/speed-depending profile.

Attention:

The draft depending consumption calculation is optional. You can leave them blank – then the consumption profile is used one by one for any draft value.