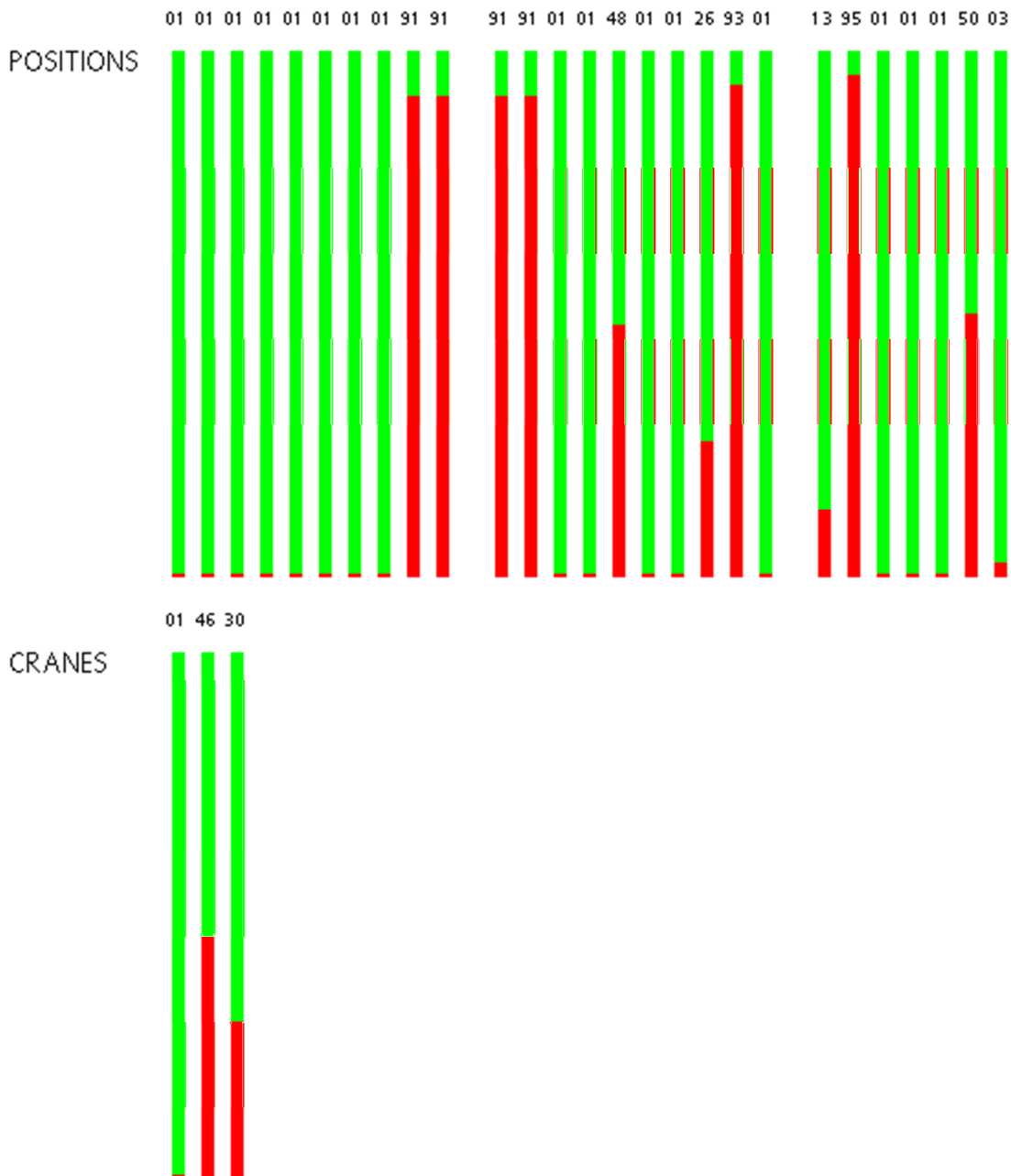The basic version of OptiGalv 4.0 has 499 recipes, all open for edit as you please.

New Calendar module, with automatic setting of Danish National Holidays. The Calendar controls together with the week-clock both lowering temperature at night and automatic startup of the plant. This reduces the cost for heating and manpower.

New measuring of the load will show you the exact utilization of your plating plant.

New capacity measuring showing how much capacity you have available in you plating plant. The operator then knows exactly when it is the right time to put in the next bar or barrel. With this system you can also have the control system automatic move bar or barrel from the buffer to the plant every time there is capacity for this.

ZINK   [red bar] [green bar] 0

New functions which can be turned ON or OFF: CALC_FRE, CONT_VOLT, WAIT_TOP, DELA_ELEC, PULS_PAUS, WAIT_BOTM.

TRIN	TEKST	PROC	TID	PRIO	FRIE	DRYP	AMP/V	FUNK	H-HEJS
									00000
01	DYP AFFEDT	00009	00600	00005	00001	00005	00000	00000	H-FIR
02	SYRE SVAG	00010	00600	00005	00001	00005	00000	00000	00000
03	SYRE MEDIUM	00011	00600	00005	00001	00005	00000	00000	
04	SYRE STÆRK	00012	00600	00005	00001	00005	00000	00000	H-BLÆS
05	SKYL 1	00013	00010	00005	00002	00005	00000	00000	00001
06	SKYL 2	00014	00010	00005	00001	00005	00000	00000	
07	EL AFFEDT	00015	00300	00005	00003	00005	00300	00000	FUNK
08	SKYL	00016	00010	00005	00001	00005	00000	00000	+1
09	ZINK 1	00018	01800	00005	00001	00005	00300	00000	REGN FRIE
10	SKYL ZN1	00024	00010	00005	00003	00005	00000	00000	
11	SKYL ZN 2	00027	00010	00005	00001	00005	00000	00000	+2
12	DEKAPERING	00028	00010	00005	00001	00005	00000	00000	STYR VOLT
13	BLA PASS	00030	00010	00005	00002	00005	00000	00000	
14	SKYL DEMI	00032	00010	00005	00001	00005	00000	00000	+4
15	SKYL	00034	00010	00005	00001	00005	00000	00000	VENT TOP
16	AFDRYP 1	00036	00010	00005	00001	00005	00000	00000	
17	TØRRE KASSE	00035	00600	00005	00001	00000	00000	00000	+8
18	DEMONTAGE	00038	09999	00005	00002	00005	00000	00000	FORS ELAF
19	SKYL ZN 2	00027	00010	00005	00001	00005	00000	00000	
20	BUFFER	00002	09999	00005	00000	00000	00000	00000	+16
21	NOT USED	00000	00000	00005	00000	00000	00000	00000	PULS PAUS
22	NOT USED	00000	00000	00005	00000	00000	00000	00000	
23	NOT USED	00000	00000	00005	00000	00000	00000	00000	+32
24	NOT USED	00000	00000	00000	00000	00000	00000	00000	VENT BUND

[Left panel controls:]

SLET RECEPTEN FRA CF KORTET
[SLET RECEPTEN]

INDTAST RECEPT NUMMER
001
[LOAD FROM CF CARD]
[SAVE TO CF CARD]

INDSÆT / SLET ET TRIN
INDTAST TRIN NUMMER: 00
[INDSÆT TRIN]
[SLET TRIN]

Here is the description of every new function:

The function CALC_FRE can use the available capacity better. In the recipe you have the column FREE and the control system will never start up a move until all position in FREE are physical free. But with CALC_FRE the control system can calculate when a position will be free again and start up this move earlier.

The function CONT_VOLT allows you to select rectifier control either as voltage or current control in the recipe.

The function DELA_ELEC allows you to have a delay on your electro cleaners prior to turn on power.

The function PULS_PAUS allows you to use pulse rectifying, even on old equipment without the pulse function.

WAIT_TOP and WAIT_BOTM allows you to brake the automatic control before cranes raise or lower bar or barrel and hereby set the plant on pause. This gives the operator unique possibility to manually control or spray rinse or turn items.