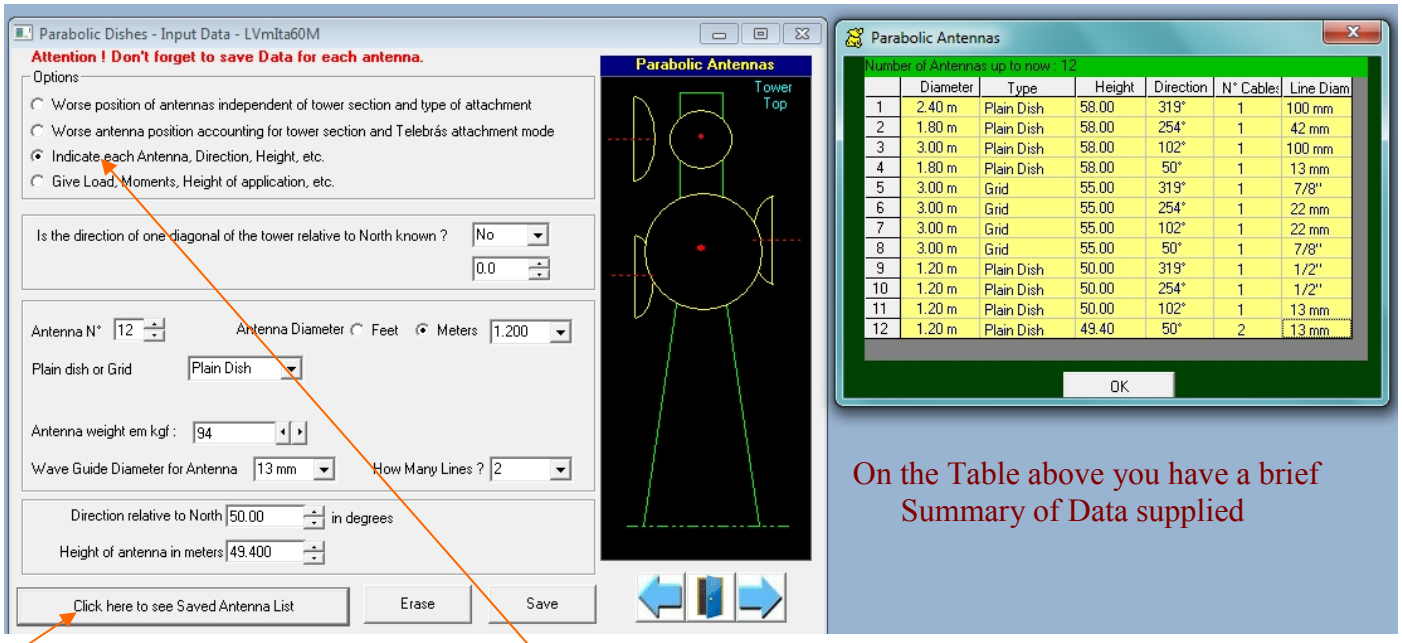
Specify Antennas and Cables.



	Diameter	Type	Height	Direction	N° Cables	Line Diam
1	2.40 m	Plain Dish	58.00	319°	1	100 mm
2	1.80 m	Plain Dish	58.00	254°	1	42 mm
3	3.00 m	Plain Dish	58.00	102°	1	100 mm
4	1.80 m	Plain Dish	58.00	50°	1	13 mm
5	3.00 m	Grid	55.00	319°	1	7/8''
6	3.00 m	Grid	55.00	254°	1	22 mm
7	3.00 m	Grid	55.00	102°	1	22 mm
8	3.00 m	Grid	55.00	50°	1	7/8''
9	1.20 m	Plain Dish	50.00	319°	1	1/2''
10	1.20 m	Plain Dish	50.00	254°	1	1/2''
11	1.20 m	Plain Dish	50.00	102°	1	13 mm
12	1.20 m	Plain Dish	49.40	50°	2	13 mm

Let us first analyse the information about parabolic dishes.

The best choice on this window is to indicate each antenna, with dimensions, height and direction. This option is recommended due to its more precise results.

If tower orientation with respect to North is known, it can be indicated so as to obtain quicker calculation of loads on the tower. The wind will be considered along the worse frontal and diagonal directions.
If this direction is not supplied, then the wind will be considered blowing at each degree out of 360° around the tower and the worse wind direction will be chosen as blowing along a diagonal and in front of tower face.

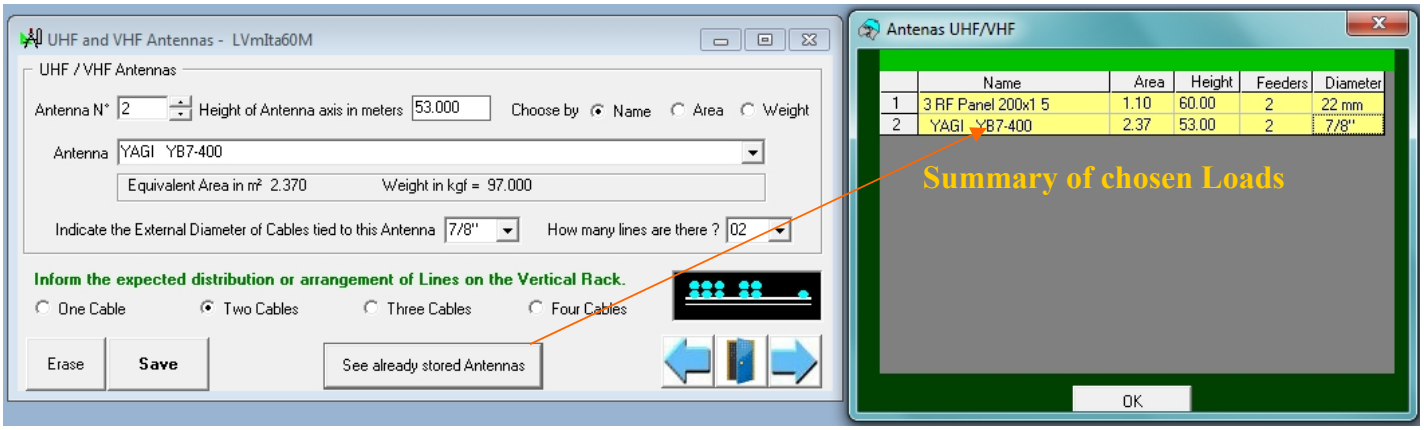
Antennas are then supplied, one by one, with the Diameter in feet or in meters, if plain dish, grid or with radome, the proper weight and wave guides attached to it.

Next just give direction relative to North and height of attachment to tower, then Save the data.

Click on the lower button to see a table of selected antennas with relative information supplied.

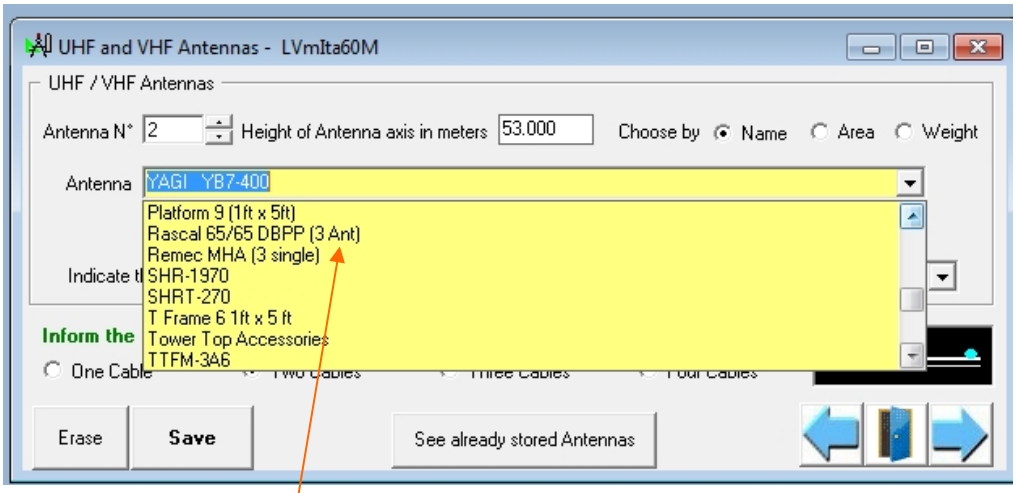
Next option will be to supply the local loads (Frontal load, proper weight and moment) caused by the antennas at the chosen height.

Now UHF or VHF antennas (or any other type of load)



This figure looks self explanatory – just read it.

Now we have the same window showing the combo Box opened with a choice of antennas or similar loads like the Platform 9 or the Top Accessories…



Just click on the desired option and the complete information (Name, Load and Proper Weight) is filled into the respective boxes.