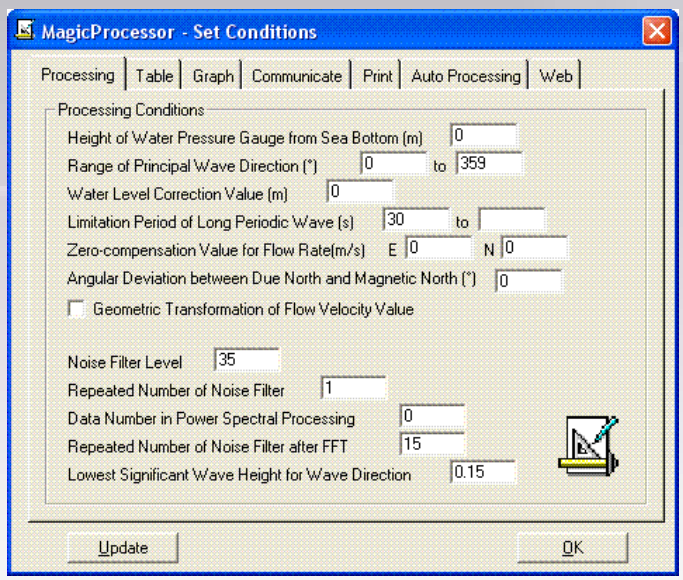
Commnucation and Processing SoftWare

MagicProcessorK 3.0

A few, good change

MagicProcessorK computes and processes data collected from Wave Hunter. It calculates normal wave heights, wave directions, and current velocities to tabulate or plot the results into tables or graphs. It has also a communications function to create real-time systems by using telemeters.



Processing Items

Maximum wave height and period, 1/10 of maximum wave height and period, significant wave height and period, average wave height and period, wave count, water depth, η rms, skewness, Kurtosis, water level, maximum long-period wave height and period, and significant long-period wave height and period,Average wave direction, main wave direction, average angle of dispersion, directional concentration factor, and wave peak length parameter,Average current velocity, average current direction, average E-current velocity, average N-current velocity, and water temperature.

Converted to surface wave height by the FFT method

Display

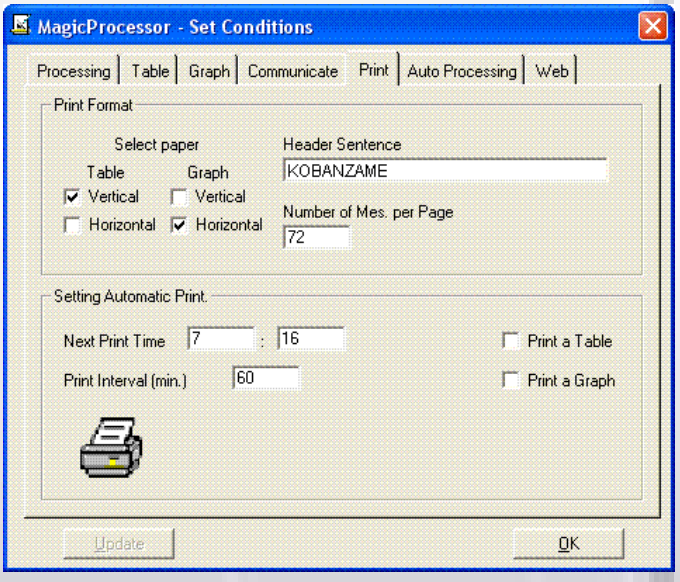
Offers the capacity for producing beautiful, bold displays of tables and graphs that take full advantage of the Windows interface (including colors, selection of fonts, and multiple windows).

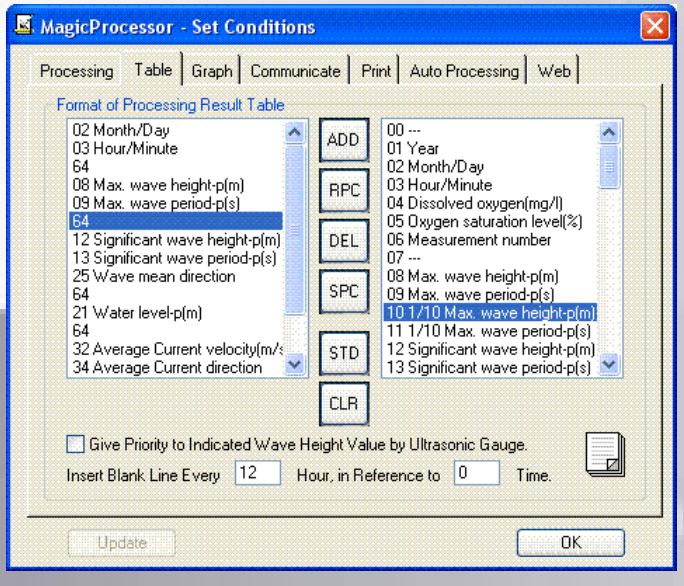
Print

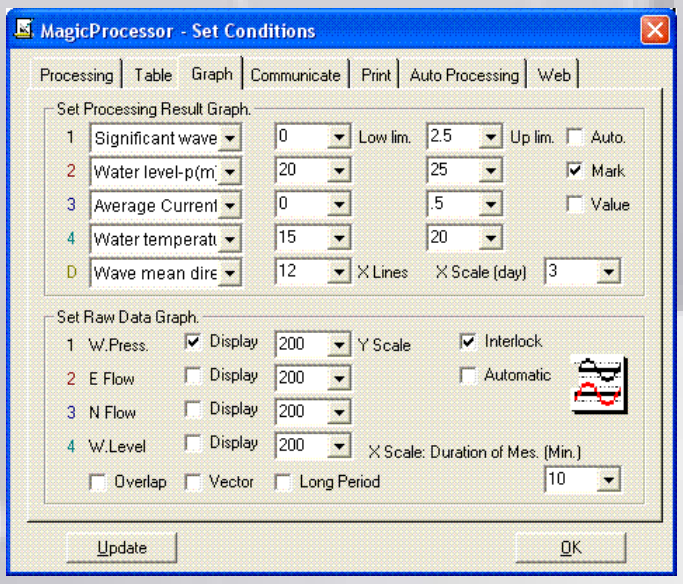
You can print tables and graphs by directly taking advantage of Windows print functions (colors, fonts, sheets, selection between horizontal and vertical print directions, transmission to fax, etc.). Graphs and tables can be copied using the mouse and pasted on Word or Excel documents.

Building a real-time system (KOBANZAME Explorer)

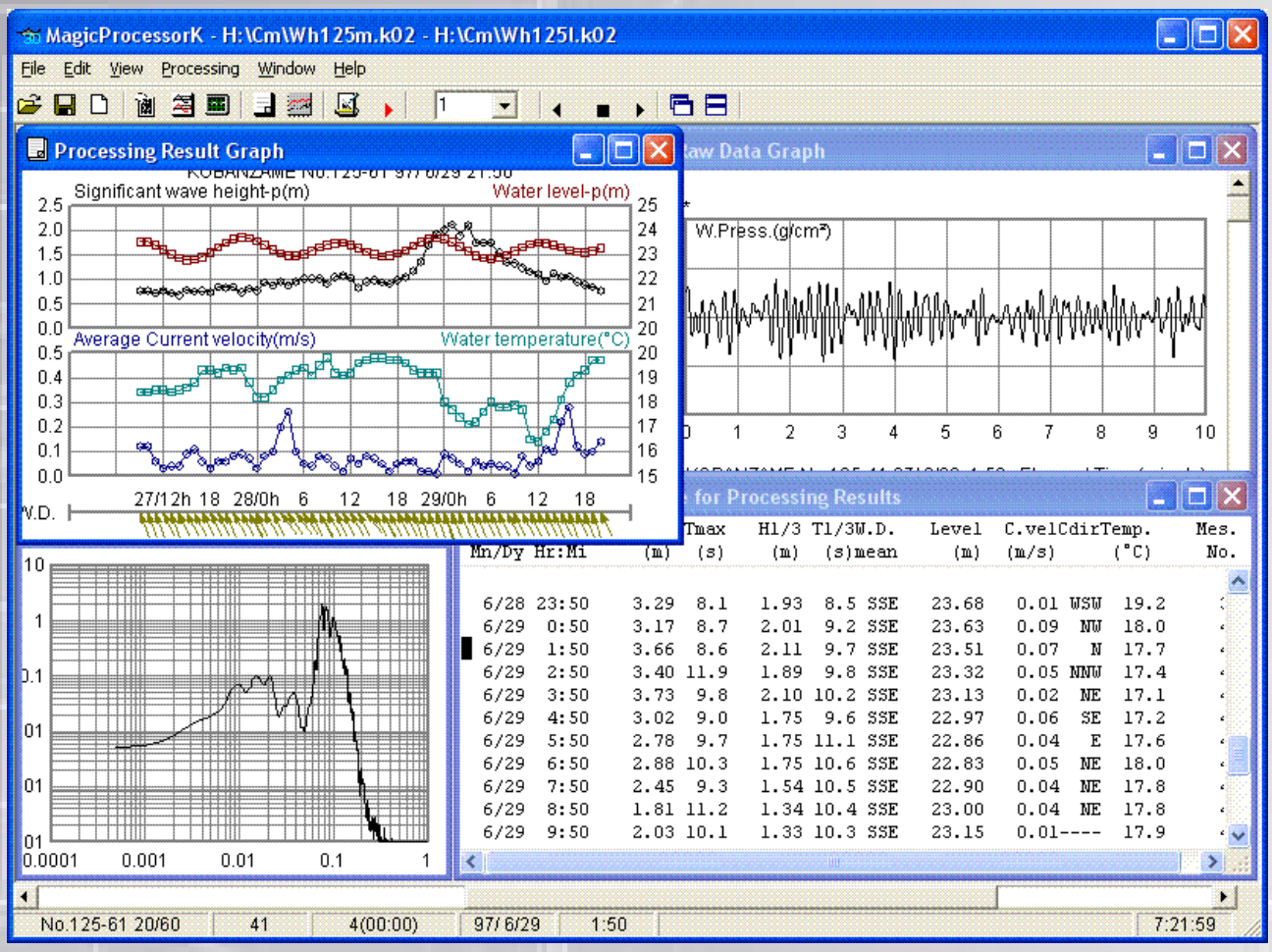
Using radio telemeters, telephones, or cables, data automatically collected from the Wave Hunter can be processed in real time every time measurement is completed. The system can be fully automated in every aspect of processing from file management to printing.



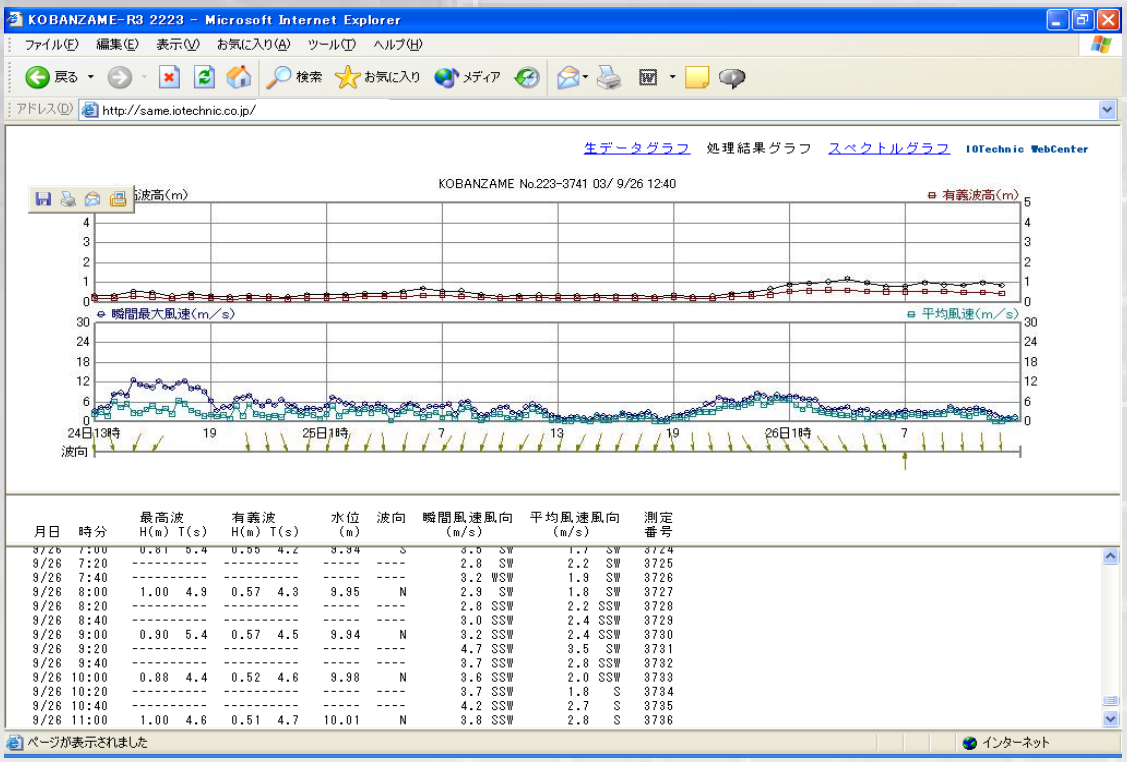




Display of processing result



Web example (Japanese)



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