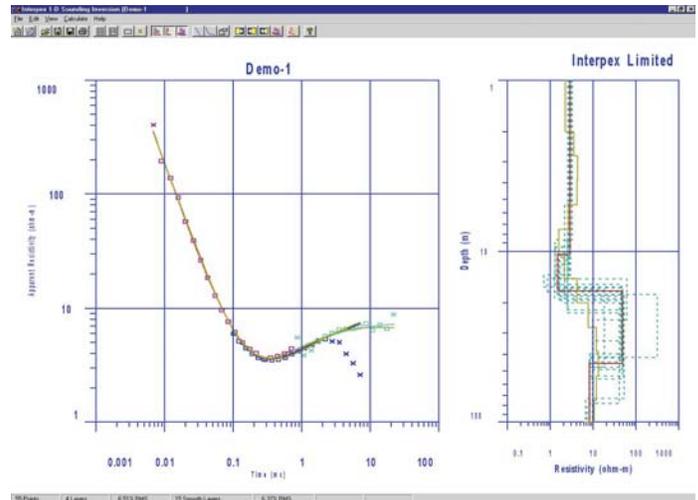


# IX1D v 3

## 1D Sounding Interpretation

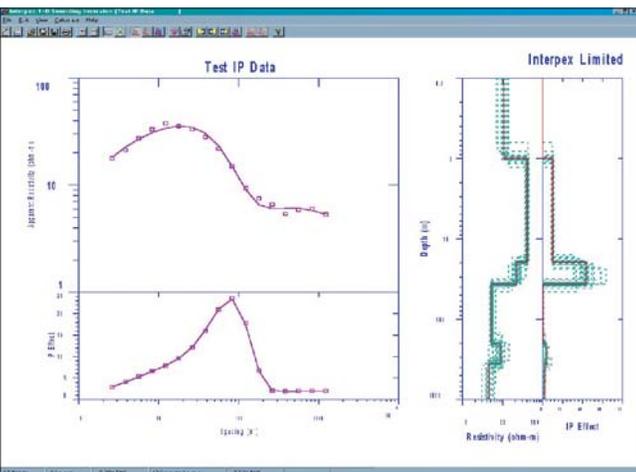
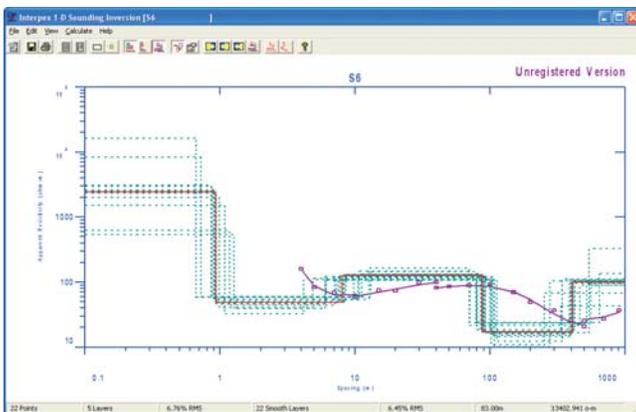
IX1D v 3 does it all:

- ▶ DC Resistivity (with IP)
- ▶ EM Conductivity
- ▶ Frequency EM
- ▶ Magnetotellurics
- ▶ Transient EM (TEM) (extra license fee required)



## TEM Interpretation Features

- ▶ Unlimited multiple sweeps with no length limit
- ▶ Voltage display with log or linear time axis
- ▶ Data spreadsheet with Sweep frequency, ramp time, receiver area, current and Tx loop turns
- ▶ Time, Voltage, Mask values scroll horizontally
- ▶ Save and Retrieve Timebases
- ▶ Data Import from Flat ASCII file, TEMIX .TEM file or from USF file format



**TEM Time/Voltage Entry/Edit**

Data Set Name: Demo-1 Units: [meters]

Easting: 0.75010E+0 Northing: 0.45001E+0 Elevation: 0.0000 Easting: Northing:

Azimuth: 0.0 (deg) (0 is North) Use Masked Points? Loop Size: 76.000 76.000

Central Loop TEM Receiver Coil Position: 0.0000 0.0000

Sweep	Freq (Hz)	Ramp (uS)	Coil Area (m <sup>2</sup> )	Current (A)	Tx Turns
1	300.00	4.2000	31.400	0.50000	1
2	30.000	4.2000	31.400	0.50000	1
3	3.0000	75.000	100.00	22.000	1

No.	T Sw 1	V Sw 1	Mask	T Sw 2	V Sw 2	Mask	T S
1	0.00685	45832.5	<input checked="" type="checkbox"/>	0.10000	31559.3	<input checked="" type="checkbox"/>	0.8
2	0.00895	70390.2	<input type="checkbox"/>	0.12100	24513.2	<input type="checkbox"/>	1.0
3	0.01208	55875.1	<input type="checkbox"/>	0.15100	17400.2	<input type="checkbox"/>	1.3
4	0.01572	52541.2	<input type="checkbox"/>	0.18800	11938.9	<input type="checkbox"/>	1.7
5	0.02005	59305.9	<input type="checkbox"/>	0.23100	8009.5	<input type="checkbox"/>	2.1
6	0.02617	54056.6	<input type="checkbox"/>	0.29100	4772.4	<input type="checkbox"/>	2.7
7	0.03345	52115.8	<input type="checkbox"/>	0.36500	2760.9	<input type="checkbox"/>	3.5
8	0.04210	49619.8	<input type="checkbox"/>	0.45200	1595.0	<input type="checkbox"/>	4.3

Buttons: Open Timebase, Save Timebase, Save Timebase As, Insert Cell, Delete Cell, Insert Row, Delete Row, Column Math: Add To, Multiply By, OK, Cancel

