Enter the name of the service company:

Schlumberger

Enter the tool name and size, such as 'ARC825':

ARC825

Choose your length scale (in - cm - mm):

in

Are all transmitter and receiver antennas identical? <YN>

Y

Enter the antenna-recess diameter, the coil diameter and the collar diameter:

Enter 0.0 for unknown antenna recess and coil diameters.

0.0 0.0 8.25

Enter the number of antenna-coil windings (enter 0, if not known):

8

How many transmitters does your tool have?

5

For transmitter 1, enter the axial position:

16.0

For transmitter 2, enter the axial position:

-22.0

For transmitter 3, enter the axial position:

28.0

For transmitter 4, enter the axial position:

-34.0

For transmitter 5, enter the axial position:

40.0

How many receivers does your tool have?

2

For receiver 1, enter the axial position:

3.0

For receiver 2, enter the axial position:

-3.0

How many operating frequencies does your tool have?

2

Enter the operating frequency 1 (in kHz)

and the three dielectric-estimate coefficients:

400.0 280.0 0.46 5.0

Enter the operating frequency 2 (in kHz)

and the three dielectric-estimate coefficients:

2000.0 108.5 0.35 5.0

10 single-transmitter, raw-measurement modes:

Indices for mode, T, R1, R2, Freq

The output is incorrect after this line…

it should show the indices:

**1 1 1 2 1**

**2 2 2 1 1**

**3 3 1 2 1**

**4 4 2 1 1**

**5 5 1 2 1**

**6 1 1 2 2**

**7 2 2 1 2**

**8 3 1 2 2**

**9 4 2 1 2**

**10 5 1 2 2**

Then proceed with:

How many borehole-compensated output modes does the tool have?

Look at the input values you have to use in the file ARC825-InputDialogue.txt