

VnmrJ: • automatically processes the spectrum Lock, Shim Click the "Gradient Shim" button to shim iNo further lock adjustment is necessary! Save your data. Click the "Ile Equiver of "Save" icon, choose a location, restored after gradient shimming, how were restored after gradient shimming, how and click "Find 20" again. Using this method of locking and shimming should result in a lock level between ~00 and 80. and give your file a name. roubleshooting Finished! Find z0 Gradient Shim pname: utox_jk3_lk • detects if TMS is in your sample references the scale to TMS or solvent When complete, you should see the "Gradient Autoshimming on Z done!" message at the bottom of the window. D *ff* lock is not drop to zero, then you should see profiles such these 🕲 appear on your screen. Each round of shim around before re-establishing lock. If lock is not established, check your solvent selection. If that's ok and you still aren't locked, proceed Glick the "Find z0", perform, and most samples can button to establish Note: the lock level will bounce adjustment takes ~30 sec to to gradient shimming anyway. Your lock signal should be shimmed in 1 to 3 rounds. lock

This is the first in a series of mini-zines $\frac{1}{1}$ For running updates on new Acquisition Proce: IMSERC NMR about special topics in chemical NMR Carbon-Proton Multiplicity In the Start/Standard panel, click the Relaxation Measurements Insert Eject Temp at 0 Selective Excitation 1D Eject button, swap samples, click the laar 2D Start ents Carbon ess Setup Hardware Show Tis down the "Experiment" spectrum, e.g. "Proton" 1H_sensitivity Methods CDC13 From the main selector and choose menu bar, pull Insert button your first type of

• Automatic processing and referencing

Automatic shimming

Automatic locking

3 Select your solvent, and GO!

· Button- & menu-driven

Graphical interface

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NEW

D20-10% Acetic Acid

(iThis is the key to succeeding with the

solvent.

Lock Norused 2122

automated setup!)

Set hardware:

Temp Spin Lock Prohe 21.8 C 0112 4.8 2010X

D20

CD2CI2 DMSO

. 1% Ethylben 01% TMS

solvent selector

and choose your

B Pull down the

CDC13 CDC13 Acetone

capabilities, tips, and helpful mini-zines

mmr.

**

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Command line interface

 Manual shim Manual lock

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- power outages! We won't spam

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EASY

the

WAY

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