

Notice for NV Array Coil Config Setting**Overview:**

It is necessary to register the NV Array coil config manually since it is not registered to the system.

Procedure

Refer to the NV array Coil Config list and Registration procedure and register the coil config if necessary. Registration procedure is attached with this document.

NV Array Config List

Last Up Date '02 9/2

CoilConfig	CoilConfig in config manager	NV PA-Both	NV PA-Head	NV PA-Neck
coilName	Coil Name			
coilType	Coil Type	3	3	3
extremity	Extremity Coil	no	no	no
cableLoss	Cable Loss	1	1	1
coilLoss	CoilLoss	1.165	1.165	1.165
reconScale	Recon Scale Factor	1.0	1.0	1.0
linearQuad	Linear(0) vs. Quadrature(1)	1	1	1
multiCoil	Multiple Receiver Coil?	yes	yes	yes
numRec	Number of Receivers	4	2	2
startRec	Starting Receiver ID	0	0	2
endRec	Ending Receiver ID	3	1	3
mcPortEnable	Multi-Coil Port Enable	6	6	6
mcErrorEnable	Multi-Coil Port Error Enable	6	6	6
xmitAtten	Additional transmit attenuation	0	0	0
numFastRec	Number of Fast Receivers	0	0	0
startFastRec	Starting Fast Receiver ID	4	4	4
endFastRec	Ending Fast Receiver ID	4	4	4
fastTGstartTA	Fast TG Start TA	90	90	90
fastTGstartRG	Fast TG Start RG	12	12	12
mcReconEnable	Multi Coil Recon Enable	0	0	0
autoshimRcvr	Phased Array T/R Coil for Autoshim	-1	-1	-1
headDefaultFreqDir	Head Default Freq Dir	1	1	0
scic_a (*)	SCIC++parameters for axial plane	0	0	0
scic_s (*)	SCIC++parameters for sagittal plane	0	0	0
scic_c (*)	SCIC++parameters for coronal plane	0	0	0
mcCoilSeparationDir (*)	Multi-coil Separation direction	0	0	0
coilCode	Coil Code	NV	NV	NV
mcChannelSel	Multi Coil Channel Selection	60	12	60
ATTN_Q	Attenuation-Q	0	0	0
ATTN_I	Attenuation-I	0	0	0
quadRotation	Select Quadrature Shifter	0	0	0
quadRcvCoil	quadRcvCoil	0	0	0
cfoption	cfoption	0	31	1
mcSwitchSel (*)	mcSwitchSelect	0	0	0

Note: Please register all three kinds of Coil Name.

Note: Refer to the manual attached to the NV Array Coil to register COIL CONFIG EDIT.

(*): These parameters are added from MFO3 M3 Software

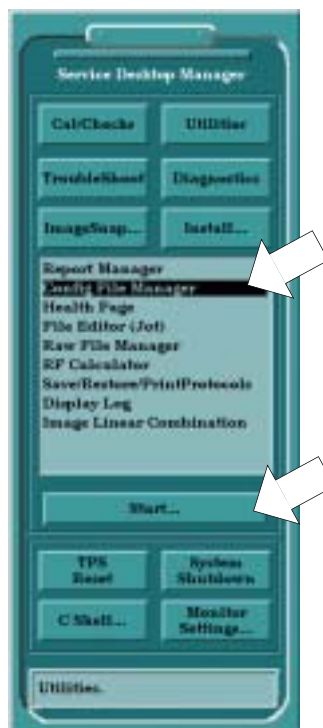
New Coil Registration

1. Click [Service Desktop]..



**SERVICE DESKTOP
ILLUSTRATION 1**

2. Select "Config File Manager" and Click [Start....]..



**SERVICE DESKTOP MANGER
ILLUSTRATION 2**

SERVICE NOTES

Nov 19th, 2002

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FILE TITLE

Signa Ovation System

SN62715

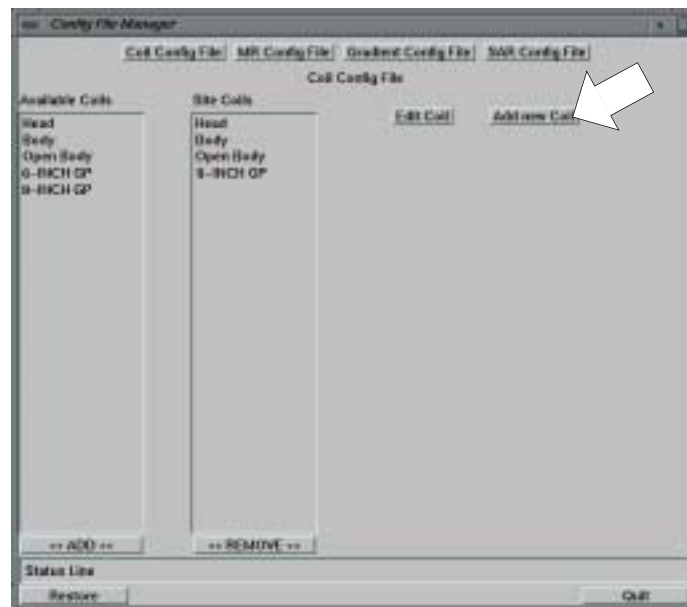
New Coil Registration (continued)

3. Click [Coil Config File]. .



CONFIG FILE MANAGER
ILLUSTRATION 3

4. Select [Add Config File].

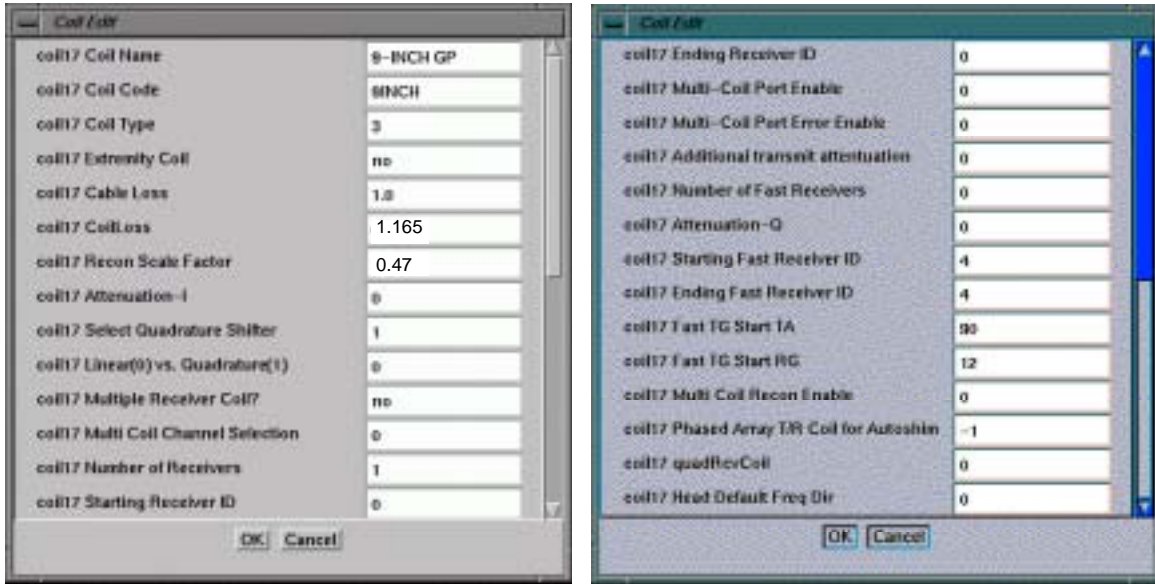


COIL CONFIG MANAGER
ILLUSTRATION 4

SERVICE NOTES

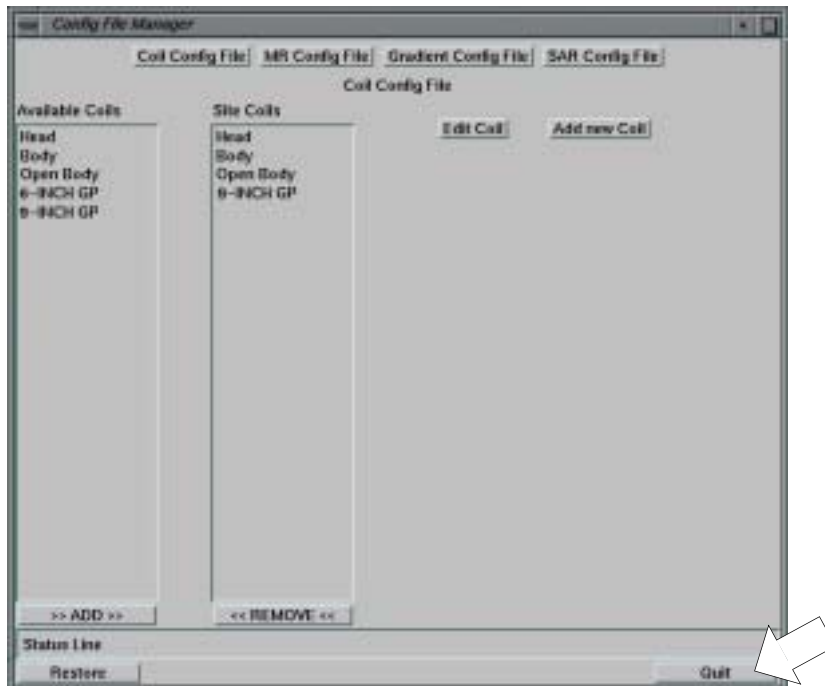
New Coil Registration (continued)

- 5. Enter Coil Config parameter according to Coil Config File List.
- 6. After entering the coil config parameter, click [OK].



ADD NEW COIL
ILLUSTRATION 5

- 7. Click [Quit].



COIL CONFIG MANAGER
ILLUSTRATION 6

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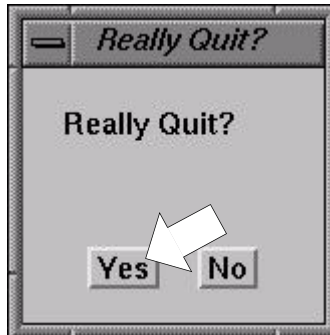
FILE TITLE

Signa Ovation System

SN62715

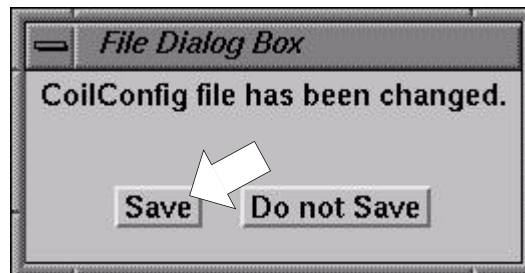
New Coil Registration (continued)

8. Click [Yes].



REALLY QUIT
ILLUSTRATION 7

9. Click [Save].



FILE DIALOG BOX
ILLUSTRATION 8

10. It is necessary to reboot the system to update the coil config file.

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