INTERFACE CONTROL DOCUMENT TITLE AND APPROVAL PAGE (Page 1)				
ICD Number: ICD-14-310-0003 Impacted WBS Elements: WBS-3 to WBS-14			Primary Author: B. Stratton Type of Interface: Mechanical/Envelope	
		Type of Interface: Med Interface		
Description of Interfac	ee:			
are required for each m	odular coil. They shall be l	-wound with the modular field ocated on top of the modular co enter leg of the winding form tee	oil winding pack (facin	
Record of Revisions Revision Number		escription	Date	
0	Initial Issue		April 14, 2003	
1	Defined responsibilities of WBS3 and WBS14		April 28, 2003	
Approvals WBS Manager:		WBS Manager:		
Project Engineer:		Project Engineer:		

ICD DETAIL SHEET ICD-14-310-0003

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(Use Continuation Sheets as Necessary to Include the Following Applicable Information)

Scope of Interface:

This interface impacts the design and fabrication of the modular coils (WBS14) and magnetics diagnostics (WBS3).

Equipment and Responsibility List:

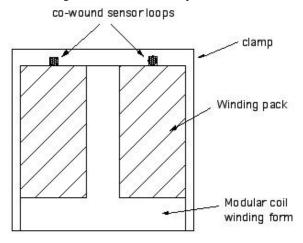
Modular Coils (WBS 14): Williamson Magnetics Diagnostics (WBS 3): Johnson

Related ICDs:

Notes and Abbreviations:

Interface Block Diagrams:

Cross section of modular coil showing co-wound sensor loops:



Installation Information:

The co-wound sensor loops shall be installed during winding of the modular coils. Installation of the sensor loops will be the responsibility of WBS14. All other work related to these sensor loops (e. g. signal leads, lead termination, vacuum feedthroughs, etc.) will be the responsibility of WBS3.

Other Pertinent Information:

The sensor loops shall be laid on top of the winding pack before epoxy impregnation and held in place by the winding clamps (grooves on the inside of each clamp are required). The epoxy will hold the sensor loops in place after impregnation. The sensor loops shall be made of suitable thin cable such as mineral insulated cable (diameter: 0.061" or less). The two leads for each loop shall be brought out through holes in the center leg of the winding form tee. The reliability of the sensor loops shall be at the same level as the reliability of the modular coils.