

GE HiSpeed LX/I 2.0x CT Series

Revision History

Date / Version	Author	Comments
12/27/2012	Steve Moore	HiSpeed LX/i, FX/i, DX/i, DX/iB - 2.00/2.01/2.02 2227206 Rev. 0

Introduction

This document summarizes private elements for GE HiSpeed CT devices of one certain category. These models seem to be of a special software version from GE where the Private Creator ID was GE_YMS_NJ001 rather than some of the values more typically seen. In these devices, the same Private Creator ID was used in multiple groups. In other GE images, Private Creator IDs differ for differing private groups.

A separate table is maintained for each collection of private elements indexed by the Private Creator ID. Each table contains a column for each of the software versions listed below. The intersection of a row (private element) and a column (software version) is a cell with a symbol indicating if that private element is produced by that software version.

*: Element is listed in the document

X1: Element is listed with a note: No longer supported

If the cell is empty, the DICOM conformance statement for that software version does not mention that private element. All data were determined by reading DICOM conformance statements.

Scanner/Software Versions

Link Name / GE website	Model	SW Version	Meta SW Version	Document	File Name
HiSpeed LX/i, FX/i, DX/i, DX/iB - 2.00/2.01/2.02 2227206 Rev. 0	HiSpeed LX/i, FX/i, DX/i, DX/iB	2.00 / 2.01 / 2.02	HiSpeed LX/i... 2.0x	2227206 Rev. 0	

In the table of private elements in the following sections:

- *: Element is listed in the document
- X1: Element is listed with a note: No longer supported

GE_YMS_NJ001

				HiSpeed LX/i... 2.0x
		VR	VM	
GEHC Private Creator ID	0x00090010	LO	1	*
Mobile Location Code	0x00091031	SH	1	*

GE_YMS_NJ001

				HiSpeed LX/i... 2.0x
		VR	VM	
GEHC Private Creator ID	0x00190010	LO	1	*
Detector Channel	0x00191002	SL	1	*
Table speed	0x00191023	DS	1	*
Mid scan time	0x00191024	DS	1	*
Tube Azimuth	0x00191026	SL	1	*
Gantry Velocity	0x00191027	DS	1	*
SFOV type	0x00191039	SS	1	*
Segment number	0x00191042	SS	1	*
Total segments required	0x00191043	SS	1	*

GE_YMS_NJ001

				HiSpeed LX/i... 2.0x
		VR	VM	
GEHC Private Creator ID	0x00270010	LO	1	
Scout Type	0x00271010	SS	1	
Scan start location	0x00271050	FL	1	
Scan end location	0x00271051	FL	1	

GE_YMS_NJ001

				HiSpeed LX/i... 2.0x
		VR	VM	
GEHC Private Creator ID	0x00430010	LO	1	*
X-Ray Chain	0x00430012	SS	3	*
Delta start time [msec]	0x0043101e	DS	1	*
Scan pitch ratio	0x00431027	SH	1	
Recon Center Coordinates	0x00431031	DS	3	
Infant Indicator	0x00431035	US	1	*
Language	0x00431036	CS	1	*
Gantry type	0x00431037	CS	1	*
Raw data ID	0x00431038	SH	1	*
Reconstruction Matrix	0x00431039	IS	1	*
Image Filter	0x00431040	CS	1-n	*
Prospective Addition Indicator	0x00431041	US	1	*
Motion Correction Indicator	0x00431043	US	1	*

Helical Correction Indicator	0x00431044	US	1	*
Cine Correction Indicator	0x00431045	US	1	*
IBO Correction Indicator	0x00431046	US	1	*
BBH Correction Indicator	0x00431047	US	1	*
Advanced Noise Reduction Indicator	0x00431048	US	1	*
Scatter Correction Indicator	0x00431049	US	1	*
Recon Center Coordinates	0x0043104a	DS	3	*
Cross-Talk Correction Indicator	0x00431050	US	1	*
Q-Cal Correction Indicator	0x00431051	US	1	*
Afterglow Correction Indicator	0x00431052	US	1	*
Local Decon Correction Indicator	0x00431053	US	1	*
Scan Start Location	0x00431054	DS	1	*
Scan End Location	0x00431055	DS	1	*
Detector Row	0x00431056	IS	1	*
Tube Focus	0x00431057	CS	1	*

GE_YMS_NJ001

				HiSpeed LX/i... 2.0x
GEHC Private Creator ID	0x004b0010	LO	1	
Beam Thickness	0x004b1001	DS	1-n	
R Time	0x004b1002	DS	1-n	
HBC number	0x004b1003	IS	1	