

ISO TC 22/SC 12

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ISO/TS 13499 - RED B : 2007 E

ISO/TC 22/SC 12/WG 3

Secrétariat: AFNOR

Road vehicles - Multimedia data exchange format for impact tests

Véhicules routiers — Format d'échange de données multimédia pour les essais de choc

Related electronic document B

Channel Codes

— Version 1.5 —

Document type: Related electronic document
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ISO MME Database 2.4 - Data Release 1.5

Contents

Codification

Test Object
Position
Transducer Main Location
Fine Location 1
Fine Location 2
Fine Location 3
Physical Dimension
Direction
Filter Class

Possible Channel Codes

BioRID
BioSID Dummy
EuroSID-1 Dummy
ES-2 Dummy
Hybrid III Mid-Sized Adult Male Dummy
Hybrid III Small Adult Female
Hybrid III Large Adult Male Dummy
TNO P 1 1/2 year old Dummy
TNO P 3 year old Dummy
SID IIs Dummy
SID H3 Dummy
SID H3 Dummy
SID (US) Dummy
Crabi 12 month old Dummy
Hybrid III 3 year old Dummy (Part 572 P)
Hybrid III 6 year old Dummy (Part 572 N)
Adult Headform
ACEA Headform
Child Headform
JARI Headform
JARI Child Headform
Upper Leg Pedestrian Impactor
Legform Pedestrian Impactor

Airbag

Vehicle

Calculated Values

Test Object

(Code Position 1)

Code	Description	Remarks	Valid since Version
0	Undefined / other		1.0
1	Vehicle 1		1.0
2	Vehicle 2		1.0
3	Vehicle 3		1.0
4	Vehicle 4		1.0
5	Vehicle 5		1.0
6	Vehicle 6		1.0
7	Vehicle 7		1.0
8	Vehicle 8		1.0
9	Vehicle 9		1.0
B	Fixed Barrier		1.0
C	Component		1.5
D	Dummy / Dummy Impactor		1.4
H	Linear Impactor		1.4
M	Mobile Barrier		1.0
P	Pendulum		1.0
S	Sled		1.0
T	Test Rig		1.4

ISO/TS 13499 - RED B : 2007 E

Position

(Code Position 2)

Code	Description	Remarks	Valid since Version
0	Undefined		1.0
1	Front left		1.1
2	Front middle		1.1
3	Front right		1.1
4	Middle left / 2nd row left		1.1
5	Middle middle / 2nd row middle		1.1
6	Middle right / 2nd row right		1.1
7	Rear left / 3rd row left		1.1
8	Rear middle / 3rd row middle		1.1
9	Rear right / 3rd row right		1.1

Main Location		(Code Position 3-6)	Dummy	
Code		Description	Remarks	Valid since Version
HEAD	Dummy	Head		1.0
CESP	Dummy	Cervical Spine		1.0
NECK	Dummy	Neck		1.0
SHLD	Dummy	Shoulder		1.0
CLAV	Dummy	Clavicle		1.0
UPAR	Dummy	Upper Arm		1.1
ELBJ	Dummy	Elbow Joint		1.0
FOAR	Dummy	Forearm		1.1
WRIS	Dummy	Wrist		1.0
SHRI	Dummy	Shoulder Rib		1.0
TRRI	Dummy	Thorax Rib		1.0
RIBS	Dummy	Rib(s)		1.0
CHRI	Dummy	Chest-Rib		1.0
TRSP	Dummy	Thorax Rib to Spine		1.0
SPIN	Dummy	Spine		1.0
THSP	Dummy	Thoracic Spine		1.0
BAPL	Dummy	Backplate		1.0
CHST	Dummy	Chest		1.0
STRN	Dummy	Sternum		1.0
CHBA	Dummy	Chest Band		1.0
ABRI	Dummy	Abdominal-Rib		1.0
ABSP	Dummy	Abdominal-Spine		1.0
ABDO	Dummy	Abdomen		1.0
LUSP	Dummy	Lumbar Spine		1.0
PELV	Dummy	Pelvis		1.0
ACTB	Dummy	Acetabulum		1.0
HPNT	Dummy	H-Point		1.2
ILUM	Dummy	Ilium		1.0
ILAC	Dummy	Iliac		1.0
PUBC	Dummy	Pubic		1.0
CROB	Dummy	Crotch Belt		1.0
SACR	Dummy	Sacrum		1.0
FEAC	Dummy	Femur to Acetabulum		1.0
FEMR	Dummy	Femur		1.0
KNEE	Dummy	Knee		1.0
KNSL	Dummy	Knee Slider		1.0
CLEV	Dummy	Clevis		1.0
TIRA	Dummy	Tibia Ratio		1.1
TIBI	Dummy	Tibia		1.0
ANKL	Dummy	Ankle		1.0
FOOT	Dummy	Foot		1.0
HEEL	Dummy	Heel		1.0
TOES	Dummy	Toe(s)		1.0
DAMP	Dummy	Damper		1.0
SUMA	Dummy	Submarining		1.0

ISO/TS 13499 - RED B : 2007 E

Main Location		(Code Position 3-6)	Vehicle	
Code		Description	Remarks	Valid since Version
SUHO	Vehicle	Suspension Housing		1.0
TAIG	Vehicle	Tailgate		1.0
WIND	Vehicle	Window		1.0
WHEL	Vehicle	Wheel		1.0
VEHC	Vehicle	Vehicle		1.0
ABSE	Vehicle	Airbag Sensor		1.0
FRAM	Vehicle	Frame		1.0
TRAN	Vehicle	Transmission		1.0
STCM	Vehicle	Steering Column Mount		1.0
SUDO	Vehicle	Suspension Dome		1.0
FULT	Vehicle	Fuel Tank		1.0
TUNN	Vehicle	Tunnel		1.0
SEAT	Vehicle	Seat		1.0
INSW	Vehicle	Inertia Switch		1.0
KNBO	Vehicle	Knee Bolster		1.0
LOCK	Vehicle	Lock		1.0
LOS Y	Vehicle	Lock System		1.0
HOOD	Vehicle	Hood		1.0
PEAC	Vehicle	Pedal Accelerator		1.0
PEBR	Vehicle	Pedal Brake		1.0
PECL	Vehicle	Pedal Clutch		1.0
PRET	Vehicle	Pretentioner		1.0
RETR	Vehicle	Retractor		1.0
ROFR	Vehicle	Roof Frame		1.0
ROOF	Vehicle	Roof		1.0
STCS	Vehicle	Steering Column Suspension		1.0
SEAD	Vehicle	Seat Adjuster		1.0
SUBF	Vehicle	Subframe		1.0
SEBA	Vehicle	Seat Back		1.0
SEBE	Vehicle	Seat Belt		1.0
SEFR	Vehicle	Seat Frame		1.0
SETR	Vehicle	Seat Track		1.0
HERE	Vehicle	Head restraint		1.0
SILB	Vehicle	Sill Beam		1.0
SIME	Vehicle	Side Member		1.0
STCO	Vehicle	Steering Column		1.0
STAR	Vehicle	Starter		1.0
STWH	Vehicle	Steering Wheel Hub		1.0
STWL	Vehicle	Steering Wheel		1.0
GENR	Vehicle	Generator		1.0
RORA	Vehicle	Roof Rack		1.0
APIL	Vehicle	A-Pillar		1.0
WARC	Vehicle	Wheel Arch		1.2
SEPN	Vehicle	Seat Pan	B.Grenke Suggestion	1.3
DASB	Vehicle	Dashboard		1.0
DASH	Vehicle	Dash Panel		1.0
DIFF	Vehicle	Differential		1.0
DOOR	Vehicle	Door		1.0
CRME	Vehicle	Crossmember		1.0
ENG N	Vehicle	Engine		1.0

Main Location		(Code Position 3-6)	Vehicle	
Code		Description	Remarks	Valid since Version
FOWE	Vehicle	Footwell		1.4
FEND	Vehicle	Fender		1.0
FREN	Vehicle	Frontend		1.1
LAMP	Vehicle	Lamp		1.1
GEAR	Vehicle	Gearbox		1.2
SLMB	Vehicle	Slam Beam		1.2
AIRB	Vehicle	Airbag		1.0
TOPT	Vehicle	Top tether		1.2
DPIL	Vehicle	D-Pillar		1.0
BCKL	Vehicle	Buckle		1.0
FORA	Vehicle	Floor over Rear Axle		1.0
AXLE	Vehicle	Axle		1.0
CRAN	Vehicle	Child Restraint Anchor	Figure missing (27.04.2007 os)	1.5
BATT	Vehicle	Battery		1.0
BAFI	Vehicle	Belt Anchor Fitting		1.5
TAIL	Vehicle	Tail		1.5
CTAN	Vehicle	Child Tether Anchorages		1.0
LOLI	Vehicle	Load Limiter		1.5
BLOK	Vehicle	Belt Lock		1.0
BLOP	Vehicle	Belt Loop (reel return)		1.0
BPIL	Vehicle	B-Pillar		1.0
BUMP	Vehicle	Bumper		1.0
BUSY	Vehicle	Bumper System		1.0
CCBE	Vehicle	Cross Car Beam		1.0
CEUN	Vehicle	Central Unit		1.0
CPIL	Vehicle	C-Pillar		1.0
SBHA	Vehicle	Seat Belt Height Adjuster		1.5

ISO/TS 13499 - RED B : 2007 E

Main Location		(Code Position 3-6)	Calculation
Code	Description	Remarks	Valid since Version
HICR	Calculation Head Injury Criterion		1.3
HACR	Calculation Head Acceptability Criterion		1.3
HPCR	Calculation Head Protection Criterion		1.3
HECD	Calculation Head Contact Duration		1.3
NICF	Calculation NIC Load Duration		1.3
NIEF	Calculation Neck Injury Criterion ENCAP		1.4
NICR	Calculation NIC, Rear Impact		1.3
NIJC	Calculation Nij Criterion		1.3
TMON	Calculation Total Moment Neck		1.3
VCCR	Calculation Viscous Criterion		1.3
VCAR	Calculation Viscous Criterion Abdo. Rib		1.3
THPC	Calculation Thoracic Performance Criterion		1.4
TTIN	Calculation Thoracic Trauma Index		1.3
THAC	Calculation Thoracic Acceptability Crit.		1.4
CTIN	Calculation Combined Thoracic Index		1.3
THCC	Calculation Thoracic Compression Criterion		1.4
CHSI	Calculation Severity Index Chest		1.3
RDCR	Calculation Rib Deflection Criterion		1.3
RDAR	Calculation Rib Deflection Crit. Adomen		1.3
APFC	Calculation Abdominal Peak Force		1.4
ADRD	Calculation Abdominal Deflection Rate		1.4
CDRD	Calculation Chest Deflection Rate		1.4
PSPF	Calculation Pubic Symphysis Peak Force		1.3
FFCE	Calculation Femur Force Criterion		1.3
FFCR	Calculation Femur Force Criterion		1.3
FACR	Calculation Femur Acceptability Criterion		1.3
TIIN	Calculation Tibia Index		1.1
TCFC	Calculation Tibia Compression Criterion		1.3
NCAP	Calculation New Car Assessment Program		1.3
AACP	Calculation Average Acc. during Compr.		1.3

Main Location

(Code Position 3-6)

Others

Code		Description	Remarks	Valid since Version
SUBJ	Others	Subject	mainly for Object Definition File Names	1.5
1???	Others	Customer ID-Code XXX		1.0
ZERO	Others	Time Zero		1.0
2???	Others	Laboratory ID-Code XXX		1.0
0000	Others	Undefined		1.0
FBAR	Others	Fixed Barrier	mandatory usage of Test Object "B"	1.0
LOMA	Others	Load Cell Matrix		1.4
TIRS	Others	Time Reference Signal		1.0
MBAR	Others	Mobile Barrier	mandatory usage of Test Object "M"	1.0
SLED	Others	Sled	Used for transducers directly mounted on the sled	1.0
TEST	Others	Test Signal		1.0
SENS	Others	Sensor		1.0

ISO/TS 13499 - RED B : 2007 E

Fine Location 1

(Code Position 7-8)

Code	Description	Remarks	Valid since Version
00	Not defined		1.0
BO	Bottom		1.1
FR	Front		1.0
IN	Inner		1.0
LE	Left		1.0
LL	Left Lower		1.3
LO	Lower		1.0
LR	Left / Right		1.0
LU	Left Upper		1.3
MI	Middle		1.0
OU	Outer		1.0
RE	Rear		1.0
RI	Right		1.0
RL	Right Lower		1.3
RU	Right Upper		1.3
TP	Top		1.1
UP	Upper		1.0
CG	Center of Gravity		1.0
CX	Center in X direction		1.1
CY	Center in Y direction		1.1
CZ	Center in Z direction		1.1
CU	Cumulative		1.3
SP	Single Peak		1.3
SU	Sum		1.3
AD	Adult		1.3
CH	Child		1.3
CS	Crash Sensor		1.4
RD	Redundant		1.0
IP	In Position		1.3
OP	Out of Position		1.3
01	1.		1.0
02	2.		1.0
03	3.		1.0
04	4.		1.0
05	5.		1.0
06	6.		1.0
07	7.		1.0
08	8.		1.0
09	9.		1.0
10	10.		1.0
11	11.		1.0
12	12.		1.0
13	13.		1.0
14	14.		1.0
15	15.		1.0
16	16.		1.0
17	17.		1.0
18	18.		1.0
19	19.		1.0
20	20.		1.0

Fine Location 1

(Code Position 7-8)

Code	Description	Remarks	Valid since Version
21	21.		1.0
22	22.		1.0
23	23.		1.0
24	24.		1.0
25	25.		1.0
26	26.		1.0
27	27.		1.0
28	28.		1.0
29	29.		1.0
30	30.		1.0
31	31.		1.0
32	32.		1.0
33	33.		1.0
34	34.		1.0
35	35.		1.0
36	36.		1.0
37	37.		1.0
38	38.		1.0
39	39.		1.0
40	40.		1.0
41	41.		1.0
42	42.		1.0
43	43.		1.0
44	44.		1.0
45	45.		1.0
46	46.		1.0
47	47.		1.0
48	48.		1.0
49	49.		1.0
50	50.		1.0
51	51.		1.0
52	52.		1.0
53	53.		1.0
54	54.		1.0
55	55.		1.0
56	56.		1.0
57	57.		1.0
58	58.		1.0
59	59.		1.0
60	60.		1.0
61	61.		1.0
62	62.		1.0
63	63.		1.0
64	64.		1.0
65	65.		1.0
66	66.		1.0
67	67.		1.0
68	68.		1.0
69	69.		1.0
70	70.		1.0

ISO/TS 13499 - RED B : 2007 E

Fine Location 1

(Code Position 7-8)

Code	Description	Remarks	Valid since Version
71	71.		1.0
72	72.		1.0
73	73.		1.0
74	74.		1.0
75	75.		1.0
76	76.		1.0
77	77.		1.0
78	78.		1.0
79	79.		1.0
80	80.		1.0
81	81.		1.0
82	82.		1.0
83	83.		1.0
84	84.		1.0
85	85.		1.0
86	86.		1.0
87	87.		1.0
88	88.		1.0
89	89.		1.0
90	90.		1.0
91	91.		1.0
92	92.		1.0
93	93.		1.0
94	94.		1.0
95	95.		1.0
96	96.		1.0
97	97.		1.0
98	98.		1.0
99	99.		1.0

Fine Location 2

(Code Position 9-10)

Code	Description	Remarks	Valid since Version
00	Not defined	infinite HIC time intervall	1.0
BO	Bottom		1.1
FR	Front		1.0
IN	Inner		1.0
L1	Left Redundant		1.0
L2	Lower Redundant	Now only used for Lower Redundant	1.0
LE	Left		1.0
LO	Lower		1.0
M1	Middle Redundant		1.5
MI	Middle		1.0
OU	Outer		1.0
R1	Right Redundant		1.0
RE	Rear		1.0
RI	Right		1.0
TP	Top		1.1
U1	Upper Redundant		1.0
UP	Upper		1.0
CG	Center of Gravity		1.0
CX	Center in X Direction		1.1
CY	Center in Y Direction		1.1
CZ	Center in Z Direction		1.1
AV	Average		1.0
DI	Difference		1.0
NE	Negative		1.3
PO	Positive		1.3
SF	Scale Factor		1.0
SU	Sum		1.0
?C	Xms Cumulative	5ms CLIP Value	1.3
?S	Xms Single Peak	3ms CLIP Value	1.3
3C	3ms CLIP Val. Cumulative	3ms CLIP Value	1.3
3S	3ms CLIP Val. Single Peak	3ms CLIP Value	1.3
CE	Compression Extension		1.0
CF	Compression Flexion		1.0
CO	Compression		1.3
DA	Duration of Loading Absolute		1.0
DN	Duration of Loading Negative		1.0
DP	Duration of Loading Positive		1.0
DU	Duration of Loading		1.0
FI	Fixed Interval (0...150ms)	Just used for BIORID and TRID Neck	1.3
FZ	Tibia Ratio from Axial Force (FZ)		1.5
HD	Head Performance Criterion		1.3
LC	Limit Curve		1.0
MR	Tibia Ratio from Res. Bending Moment		1.5
SI	Selected Interval	Just used for BIORID and TRID Neck	1.3
TE	Tension Extension		1.0
TF	Tension Flexion		1.0
TN	Tension		1.3
TO	Total Moment		1.0
XC	Xg Exceedence Time Cumulative	Should be used for HEAD, CHST (exceed. level needed in ISO-code?)	1.3

ISO/TS 13499 - RED B : 2007 E

Fine Location 2

(Code Position 9-10)

Code	Description	Remarks	Valid since Version
XS	Xg Exceedence Time Single Peak	Should be used for HEAD, CHST (exceed. level needed in ISO-code?)	1.3
RD	Redundant		1.0
01	1.		1.0
02	2.		1.0
03	3.		1.0
04	4.		1.0
05	5.		1.0
06	6.		1.0
07	7.		1.0
08	8.		1.0
09	9.		1.0
10	10.		1.0
11	11.		1.0
12	12.		1.0
13	13.		1.0
14	14.		1.0
15	15.	15ms HIC time intervall	1.0
16	16.		1.0
17	17.		1.0
18	18.		1.0
19	19.		1.0
20	20.		1.0
21	21.		1.0
22	22.		1.0
23	23.		1.0
24	24.		1.0
25	25.		1.0
26	26.		1.0
27	27.		1.0
28	28.		1.0
29	29.		1.0
30	30.		1.0
31	31.		1.0
32	32.		1.0
33	33.		1.0
34	34.		1.0
35	35.		1.0
36	36.	36ms HIC time intervall	1.0
37	37.		1.0
38	38.		1.0
39	39.		1.0
40	40.		1.0
41	41.		1.0
42	42.		1.0
43	43.		1.0
44	44.		1.0
45	45.		1.0
46	46.		1.0
47	47.		1.0

Fine Location 2

(Code Position 9-10)

Code	Description	Remarks	Valid since Version
48	48.		1.0
49	49.		1.0
50	50.		1.0
51	51.		1.0
52	52.		1.0
53	53.		1.0
54	54.		1.0
55	55.		1.0
56	56.		1.0
57	57.		1.0
58	58.		1.0
59	59.		1.0
60	60.		1.0
61	61.		1.0
62	62.		1.0
63	63.		1.0
64	64.		1.0
65	65.		1.0
66	66.		1.0
67	67.		1.0
68	68.		1.0
69	69.		1.0
70	70.		1.0
71	71.		1.0
72	72.		1.0
73	73.		1.0
74	74.		1.0
75	75.		1.0
76	76.		1.0
77	77.		1.0
78	78.		1.0
79	79.		1.0
80	80.		1.0
81	81.		1.0
82	82.		1.0
83	83.		1.0
84	84.		1.0
85	85.		1.0
86	86.		1.0
87	87.		1.0
88	88.		1.0
89	89.		1.0
90	90.		1.0
91	91.		1.0
92	92.		1.0
93	93.		1.0
94	94.		1.0
95	95.		1.0
96	96.		1.0
97	97.		1.0

ISO/TS 13499 - RED B : 2007 E

Fine Location 2 (Code Position 9-10)

Code	Description	Remarks	Valid since Version
98	98.		1.0
99	99.		1.0

Fine Location 3

(Code Position 11-12)

Code	Description	Remarks	Valid since Version
00	Not defined		1.0
BO	Bottom		1.1
FR	Front		1.0
IN	Inner		1.0
LE	Left		1.0
LO	Lower		1.0
MI	Middle		1.0
OU	Outer		1.0
RE	Rear		1.0
RI	Right		1.0
TP	Top		1.1
UP	Upper		1.0
CG	Center of Gravity		1.0
CX	Center in X direction		1.1
CY	Center in Y direction		1.1
CZ	Center in Z direction		1.1
PO	Post Test	eg. for static measurement	1.5
PR	Pre Test	eg. for static measurement	1.5
A3	Airbagdummy 3 year old		1.0
BR	BioRID		1.0
BS	BioSID Dummy		1.0
E1	EuroSID-1 Dummy		1.0
E2	ES-2 Dummy		1.2
ER	ES-2 Dummy with Rib Extension		1.5
FT	THOR FT Dummy		1.5
H2	Hybrid II Mid-Sized Male Dummy		1.0
H3	Hybrid III Mid-Sized Adult Male Dummy		1.0
HF	Hybrid III Small Adult Female		1.0
HM	Hybrid III Large Adult Male Dummy		1.0
MD	Motorcycle Dummy		1.0
NT	THOR NT Dummy		1.5
P0	Newborn Dummy		1.0
P1	TNO P 3/4 year old Dummy		1.0
P2	TNO P 1 1/2 year old Dummy		1.0
P3	TNO P 3 year old Dummy		1.0
P4	TNO P 6 year old Dummy		1.0
P5	TNO P 10 year old Dummy		1.0
PE	Pedestrian Dummy		1.0
Q0	Q0 Dummy		1.5
Q1	Q1 Dummy		1.5
Q2	Q1 1/2 Dummy		1.5
Q3	Q3 Dummy		1.5
Q4	Q3 Dummy Side Impact		1.5
Q6	Q6 Dummy		1.5
QA	Q10 Dummy		1.5
R2	RID 2		1.3
S2	SID IIs Dummy		1.0
SH	SID H3 Dummy		1.0
SI	SID (US) Dummy		1.0
T1	TNO-10 Dummy (Standard 75 kg)		1.0

ISO/TS 13499 - RED B : 2007 E

Fine Location 3

(Code Position 11-12)

Code	Description	Remarks	Valid since Version
TF	THOR small size female Dummy	Reserved for future finalized release of the THOR 5% Dummy	1.5
TH	THOR Dummy	Reserved for future finalized release of the THOR 50% Dummy	1.0
WF	WorldSID Small Adult female Dummy		1.5
WS	WorldSID Dummy		1.5
Y1	Crabi 6 month old Dummy		1.0
Y2	Crabi 12 month old Dummy		1.0
Y3	Crabi 18 month old Dummy		1.0
Y4	Child 3 year old Dummy (Part 572 C)		1.2
Y5	Child 6 year old Dummy (Part 572 I)		1.2
Y6	Hybrid III 3 year old Dummy (Part 572 P)		1.2
Y7	Hybrid III 6 year old Dummy (Part 572 N)		1.2
Y8	Cami 3 month old Dummy		1.0
Y9	Cami 6 month old Dummy		1.0
YA	Hybrid III 10 year old Dummy		1.5
BB	Body Block		1.0
FH	Free Motion Headform		1.4
HE	Headform		1.5
PA	Adult Headform		1.5
PB	ACEA Headform		1.5
PC	Child Headform		1.4
PJ	JARI Headform		1.5
PS	JARI Child Headform		1.4
PF	Flexible Legform Impactor		1.5
PI	Pedestrian Impactor		1.0
PL	Legform Pedestrian Impactor		1.5
PU	Upper Leg Pedestrian Impactor		1.4
B1	belt at retractor		1.0
B2	belt below belt loop		1.0
B3	belt at upper diagonal belt		1.0
B4	belt at lower diagonal belt		1.0
B5	belt at lap belt inside		1.0
B6	belt at lap belt outside		1.0
AF	Frontal Airbag		1.4
AH	Head Airbag		1.4
AP	Pedestrian Airbag		1.4
AR	Rear Airbag		1.4
AS	Side Airbag		1.4
GF	Frontal Airbag Generator		1.4
GH	Head Airbag Generator		1.4
GP	Passenger Airbag Generator		1.4
GR	Rear Airbag Generator		1.4
GS	Side Airbag Generator		1.4
RD	Redundant		1.4
01	1.		1.0
02	2.		1.0
03	3.		1.0
04	4.		1.0
05	5.		1.0
06	6.		1.0

Fine Location 3

(Code Position 11-12)

Code	Description	Remarks	Valid since Version
07	7.		1.0
08	8.		1.0
09	9.		1.0
10	10.		1.0
11	11.		1.0
12	12.		1.0
13	13.		1.0
14	14.		1.0
15	15.		1.0
16	16.		1.0
17	17.		1.0
18	18.		1.0
19	19.		1.0
20	20.		1.0
21	21.		1.0
22	22.		1.0
23	23.		1.0
24	24.		1.0
25	25.		1.0
26	26.		1.0
27	27.		1.0
28	28.		1.0
29	29.		1.0
30	30.		1.0
31	31.		1.0
32	32.		1.0
33	33.		1.0
34	34.		1.0
35	35.		1.0
36	36.		1.0
37	37.		1.0
38	38.		1.0
39	39.		1.0
40	40.		1.0
41	41.		1.0
42	42.		1.0
43	43.		1.0
44	44.		1.0
45	45.		1.0
46	46.		1.0
47	47.		1.0
48	48.		1.0
49	49.		1.0
50	50.		1.0
51	51.		1.0
52	52.		1.0
53	53.		1.0
54	54.		1.0
55	55.		1.0
56	56.		1.0

ISO/TS 13499 - RED B : 2007 E

Fine Location 3

(Code Position 11-12)

Code	Description	Remarks	Valid since Version
57	57.		1.0
58	58.		1.0
59	59.		1.0
60	60.		1.0
61	61.		1.0
62	62.		1.0
63	63.		1.0
64	64.		1.0
65	65.		1.0
66	66.		1.0
67	67.		1.0
68	68.		1.0
69	69.		1.0
70	70.		1.0
71	71.		1.0
72	72.		1.0
73	73.		1.0
74	74.		1.0
75	75.		1.0
76	76.		1.0
77	77.		1.0
78	78.		1.0
79	79.		1.0
80	80.		1.0
81	81.		1.0
82	82.		1.0
83	83.		1.0
84	84.		1.0
85	85.		1.0
86	86.		1.0
87	87.		1.0
88	88.		1.0
89	89.		1.0
90	90.		1.0
91	91.		1.0
92	92.		1.0
93	93.		1.0
94	94.		1.0
95	95.		1.0
96	96.		1.0
97	97.		1.0
98	98.		1.0
99	99.		1.0

Physical Dimension

(Code Position 13-14)

Code	Description	Default Unit	Remarks	Valid since Version
00	Others	0		1.0
1?	Laboratory Specific Physical Dimension	?		1.5
2?	Customer Specific Physical Dimension	?		1.5
AA	Angle Acceleration	rad/(s*s)		1.0
AC	Acceleration	m/(s*s)		1.0
AD	Auditory Damage Units (ADU)	dB	According German AK3 (08.10.2002) has ADU no Unit	1.0
AN	Angle	rad		1.0
AV	Angle Velocity	rad/s		1.0
CH	Charge	C		1.0
CU	Current	A		1.0
DB	Decibel	dB		1.0
DC	Distance	m	Distance between two points in space	1.0
DS	Displacement	m	Displacement/movement of one point in space	1.0
DV	Displacement, integrated from Velocity	m		1.5
EN	Energy	J		1.0
EV	Event	1		1.0
FO	Force	N		1.0
FR	Frequency	1/s		1.0
HU	Humidity	%		1.0
IL	Illuminance	lx		1.5
IM	Impulse	kg*m/s		1.0
LE	Lever Arm	m		1.0
LF	luminous flux	lm		1.5
LI	Luminous Intensity	cd		1.5
LU	Luminance	cd/(m*m)		1.5
MA	Mass	kg		1.0
MO	Moment	Nm		1.0
PO	Power	W		1.0
PR	Pressure	Pa		1.0
RE	Resistance	V/A		1.0
SA	Solid angle (steradian)	sr		1.5
SE	Sensitivity	(Unit) / (Unit)		1.0
SP	Peak Sound Pressure Level (SPL)	dB		1.0
ST	Strain	m/m		1.0
TE	Temperature	K		1.0
TI	Time	s		1.0
VA	Velocity, Integr. from Acc.	m/s		1.4
VD	Velocity, Diff. from Displ.	m/s		1.4
VE	Velocity	m/s		1.0
VO	Voltage	V		1.0
VU	Volume	m*m*m		1.0

ISO/TS 13499 - RED B : 2007 E

Direction

(Code Position 15)

Code	Description	Remarks	Valid since Version
0	Without		1.0
R	Resultant		1.0
X	Longitudinal		1.0
Y	Lateral		1.0
Z	Vertical		1.0
1	Longitudinal	divergent to SAE J211 Sign convention	1.2
2	Lateral	divergent to SAE J211 Sign convention	1.2
3	Vertical	divergent to SAE J211 Sign convention	1.2

Filter Class

(Code Position 16)

Code	Description	Remarks	Valid since Version
0	Unfiltered		1.0
1	FIR 100	NHTSA Filter Code	1.0
2	Combined A and B	NIJ according to SAE J1727	1.0
3	Combined B and C	CTI	1.0
A	CFC 1000	ISO 6487* / SAE J211:MAR95	1.0
B	CFC 600	ISO 6487* / SAE J211:MAR95	1.0
C	CFC 180	ISO 6487* / SAE J211:MAR95	1.0
D	CFC 60	ISO 6487* / SAE J211:MAR95	1.0
E	CFC 1000	ISO 6487:1987 / SAE J211:OCT88	1.0
F	CFC 600	ISO 6487:1987 / SAE J211:OCT88	1.0
G	CFC 180	ISO 6487:1987 / SAE J211:OCT88	1.0
H	CFC 60	ISO 6487:1987 / SAE J211:OCT88	1.0
P	Prefiltered > CFC 1000	Described in 'Test Channel File'	1.0
Q	Prefiltered < CFC 60	Described in 'Test Channel File'	1.0
S	Special Filter	See Channel Header	1.5
V	Data from film(video) analysis		1.3
X	Without (Constant Channel)		1.0

Possible Channels

BR Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000BRAAY?	BR Dummy Head Angular Acceleration Y		1.0
??HEAD0000BRACR?	BR Dummy Head Acceleration Resultant		1.0
??HEAD0000BRACX?	BR Dummy Head Acceleration X		1.0
??HEAD0000BRACY?	BR Dummy Head Acceleration Y		1.0
??HEAD0000BRACZ?	BR Dummy Head Acceleration Z		1.0
??HEADRE00BRACX?	BR Dummy Head Rear Acceleration X		1.0
??CESP0400BRACX?	BR Dummy Cervical Spine Acceleration X, 4th Vertebra		1.0
??CESP0400BRACZ?	BR Dummy Cervical Spine Acceleration Z, 4th Vertebra		1.0
??NECKLO00BRFOX?	BR Dummy Neck Lower Force X		1.4
??NECKLO00BRFOZ?	BR Dummy Neck Lower Force Z		1.4
??NECKLO00BRMOY?	BR Dummy Neck Lower Moment Y		1.4
??NECKUP00BRFOX?	BR Dummy Neck Upper Force X		1.0
??NECKUP00BRFOY?	BR Dummy Neck Upper Force Y		1.0
??NECKUP00BRFOZ?	BR Dummy Neck Upper Force Z		1.0
??NECKUP00BRMOX?	BR Dummy Neck Upper Moment X		1.0
??NECKUP00BRMOY?	BR Dummy Neck Upper Moment Y		1.0
??NECKUP00BRMOZ?	BR Dummy Neck Upper Moment Z		1.0
??THSP0100BRACX?	BR Dummy Thorax Spine Acceleration X, 1st Vertebra		1.0
??THSP0100BRACZ?	BR Dummy Thorax Spine Acceleration Z, 1st Vertebra		1.0
??THSP0800BRACX?	BR Dummy Thorax Spine Acceleration X, 8th Vertebra		1.0
??THSP0800BRACZ?	BR Dummy Thorax Spine Acceleration Z, 8th Vertebra		1.0
??LUSP0100BRACX?	BR Dummy Lumbar Spine Acceleration X, 1st Vertebra		1.0
??LUSP0100BRACZ?	BR Dummy Lumbar Spine Acceleration Z, 1st Vertebra		1.0
??PELV0000BRAAY?	BR Dummy Pelvis Angular Acceleration Y		1.0
??PELV0000BRACR?	BR Dummy Pelvis Acceleration Resultant		1.0
??PELV0000BRACX?	BR Dummy Pelvis Acceleration X		1.0
??PELV0000BRACY?	BR Dummy Pelvis Acceleration Y		1.0
??PELV0000BRACZ?	BR Dummy Pelvis Acceleration Z		1.0

Possible Channels

BS Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000BSACR?	BS Dummy	Head Acceleration Resultant	1.1
??HEAD0000BSACX?	BS Dummy	Head Acceleration X	1.1
??HEAD0000BSACY?	BS Dummy	Head Acceleration Y	1.1
??HEAD0000BSACZ?	BS Dummy	Head Acceleration Z	1.1
??HEADFR00BSACR?	BS Dummy	Head Front Acceleration Resultant	1.2
??HEADFR00BSACX?	BS Dummy	Head Front Acceleration X	1.1
??HEADFR00BSACY?	BS Dummy	Head Front Acceleration Y	1.1
??HEADFR00BSACZ?	BS Dummy	Head Front Acceleration Z	1.1
??HEADLE00BSACR?	BS Dummy	Head Left Acceleration Resultant	1.1
??HEADLE00BSACX?	BS Dummy	Head Left Acceleration X	1.1
??HEADLE00BSACY?	BS Dummy	Head Left Acceleration Y	1.1
??HEADLE00BSACZ?	BS Dummy	Head Left Acceleration Z	1.1
??HEADRE00BSACR?	BS Dummy	Head Rear Acceleration Resultant	1.1
??HEADRE00BSACX?	BS Dummy	Head Rear Acceleration X	1.1
??HEADRE00BSACY?	BS Dummy	Head Rear Acceleration Y	1.1
??HEADRE00BSACZ?	BS Dummy	Head Rear Acceleration Z	1.1
??HEADRI00BSACR?	BS Dummy	Head Right Acceleration Resultant	1.1
??HEADRI00BSACX?	BS Dummy	Head Right Acceleration X	1.1
??HEADRI00BSACY?	BS Dummy	Head Right Acceleration Y	1.1
??HEADRI00BSACZ?	BS Dummy	Head Right Acceleration Z	1.1
??HEADUP00BSACR?	BS Dummy	Head Upper Acceleration Resultant	1.1
??HEADUP00BSACX?	BS Dummy	Head Upper Acceleration X	1.1
??HEADUP00BSACY?	BS Dummy	Head Upper Acceleration Y	1.1
??HEADUP00BSACZ?	BS Dummy	Head Upper Acceleration Z	1.1
??NECKLO00BSFOX?	BS Dummy	Neck Lower Force X	1.1
??NECKLO00BSFOY?	BS Dummy	Neck Lower Force Y	1.1
??NECKLO00BSFOZ?	BS Dummy	Neck Lower Force Z	1.1
??NECKLO00BSLEX?	BS Dummy	Neck Lower Lever Arm X	1.1
??NECKLO00BSLEZ?	BS Dummy	Neck Lower Lever Arm Z	1.1
??NECKLO00BSMOX?	BS Dummy	Neck Lower Moment X	1.1
??NECKLO00BSMOY?	BS Dummy	Neck Lower Moment Y	1.1
??NECKLO00BSMOZ?	BS Dummy	Neck Lower Moment Z	1.1
??NECKLOTOBSMOX?	BS Dummy	Neck Lower Total Moment X	1.1
??NECKLOTOBSMOY?	BS Dummy	Neck Lower Total Moment Y	1.1
??NECKLOTOBSMOZ?	BS Dummy	Neck Lower Total Moment Z	1.1
??NECKUP00BSFOX?	BS Dummy	Neck Upper Force X	1.1
??NECKUP00BSFOY?	BS Dummy	Neck Upper Force Y	1.1
??NECKUP00BSFOZ?	BS Dummy	Neck Upper Force Z	1.1
??NECKUP00BSLE0?	BS Dummy	Neck Upper Lever Arm	1.1
??NECKUP00BSMOX?	BS Dummy	Neck Upper Moment X	1.1
??NECKUP00BSMOY?	BS Dummy	Neck Upper Moment Y	1.1
??NECKUP00BSMOZ?	BS Dummy	Neck Upper Moment Z	1.1
??NECKUPTOBSMOX?	BS Dummy	Neck Upper Total Moment X	1.1
??NECKUPTOBSMOY?	BS Dummy	Neck Upper Total Moment Y	1.1
??SHLDLE00BSACY?	BS Dummy	Shoulder Left Acceleration Y	1.1
??SHLDLE00BSDSY?	BS Dummy	Shoulder Left Displacement Y	1.1
??SHLDLE00BSFOX?	BS Dummy	Shoulder Left Force X	1.1
??SHLDLE00BSFOY?	BS Dummy	Shoulder Left Force Y	1.1
??SHLDLE00BSFOZ?	BS Dummy	Shoulder Left Force Z	1.1
??SHLDRI00BSACY?	BS Dummy	Shoulder Right Acceleration Y	1.1

Possible Channels

BS Dummy

Code	Description	Remarks	Valid since Version
??SHLDRI00BSDSY?	BS Dummy	Shoulder Right Displacement Y	1.1
??SHLDRI00BSFOX?	BS Dummy	Shoulder Right Force X	1.1
??SHLDRI00BSFOY?	BS Dummy	Shoulder Right Force Y	1.1
??SHLDRI00BSFOZ?	BS Dummy	Shoulder Right Force Z	1.1
??CHRILELOBSACY?	BS Dummy	Chest Ribs Left Lower Acceleration Y	1.1
??CHRILELOBSDSY?	BS Dummy	Chest Ribs Left Lower Displacement Y	1.1
??CHRILEMIBSACY?	BS Dummy	Chest Ribs Left Middle Acceleration Y	1.1
??CHRILEMIBSDSY?	BS Dummy	Chest Ribs Left Middle Displacement Y	1.1
??CHRILEUPBSACY?	BS Dummy	Chest Ribs Left Upper Acceleration Y	1.1
??CHRILEUPBSDSY?	BS Dummy	Chest Ribs Left Upper Displacement Y	1.1
??CHRIRILOBSACY?	BS Dummy	Chest Ribs Right Lower Acceleration Y	1.1
??CHRIRILOBSDSY?	BS Dummy	Chest Ribs Right Lower Displacement Y	1.1
??CHRIRIMIBSACY?	BS Dummy	Chest Ribs Right Middle Acceleration Y	1.1
??CHRIRIMIBSDSY?	BS Dummy	Chest Ribs Right Middle Displacement Y	1.1
??CHRIRIUPBSACY?	BS Dummy	Chest Ribs Right Upper Acceleration Y	1.1
??CHRIRIUPBSDSY?	BS Dummy	Chest Ribs Right Upper Displacement Y	1.1
??SPIN0100BSACR?	BS Dummy	Spine (T1) Acceleration Resultant	1.1
??SPIN0100BSACX?	BS Dummy	Spine (T1) Acceleration X	1.1
??SPIN0100BSACY?	BS Dummy	Spine (T1) Acceleration Y	1.1
??SPIN0100BSACZ?	BS Dummy	Spine (T1) Acceleration Z	1.1
??SPIN1200BSACR?	BS Dummy	Spine (T12) Acceleration Resultant	1.1
??SPIN1200BSACX?	BS Dummy	Spine (T12) Acceleration X	1.1
??SPIN1200BSACY?	BS Dummy	Spine (T12) Acceleration Y	1.1
??SPIN1200BSACZ?	BS Dummy	Spine (T12) Acceleration Z	1.1
??CHST0000BSACR?	BS Dummy	Chest Acceleration Resultant	1.1
??CHST0000BSACX?	BS Dummy	Chest Acceleration X	1.1
??CHST0000BSACY?	BS Dummy	Chest Acceleration Y	1.1
??CHST0000BSACZ?	BS Dummy	Chest Acceleration Z	1.1
??ABRILELOBSACY?	BS Dummy	Abdominal Rib Left Lower Acceleration Y	1.2
??ABRILELOBSDSY?	BS Dummy	Abdominal Rib Left Lower Displacement Y	1.2
??ABRILEUPBSACY?	BS Dummy	Abdominal Rib Left Upper Acceleration Y	1.2
??ABRILEUPBSDSY?	BS Dummy	Abdominal Rib Left Upper Displacement Y	1.2
??ABRIRILOBSACY?	BS Dummy	Abdominal Rib Right Lower Acceleration Y	1.2
??ABRIRILOBSDSY?	BS Dummy	Abdominal Rib Right Lower Displacement Y	1.2
??ABRIRIUPBSACY?	BS Dummy	Abdominal Rib Right Upper Acceleration Y	1.2
??ABRIRIUPBSDSY?	BS Dummy	Abdominal Rib Right Upper Displacement Y	1.2
??LUSP0000BSFOX?	BS Dummy	Lumbar Spine Force X	1.1
??LUSP0000BSFOY?	BS Dummy	Lumbar Spine Force Y	1.1
??LUSP0000BSFOZ?	BS Dummy	Lumbar Spine Force Z	1.1
??LUSP0000BSMOX?	BS Dummy	Lumbar Spine Moment X	1.1
??LUSP0000BSMOY?	BS Dummy	Lumbar Spine Moment Y	1.1
??PELV0000BSACR?	BS Dummy	Pelvis Acceleration Resultant	1.1
??PELV0000BSACX?	BS Dummy	Pelvis Acceleration X	1.1
??PELV0000BSACY?	BS Dummy	Pelvis Acceleration Y	1.1
??PELV0000BSACZ?	BS Dummy	Pelvis Acceleration Z	1.1
??ILACLE00BSFOY?	BS Dummy	Iliac Wing Left Force Y	1.1
??ILACRI00BSFOY?	BS Dummy	Iliac Wing Right Force Y	1.1
??PUBC0000BSFOY?	BS Dummy	Pubic Load Y	1.1
??SACR0000BSFOY?	BS Dummy	Sacrum force Y	1.1
??FEMRLE00BSFOX?	BS Dummy	Femur Left Force X	1.1

Possible Channels

BS Dummy

Code	Description	Remarks	Valid since Version
??FEMRLE00BSFOY?	BS Dummy	Femur Left Force Y	1.1
??FEMRLE00BSFOZ?	BS Dummy	Femur Left Force Z	1.1
??FEMRLE00BSMOX?	BS Dummy	Femur Left Moment X	1.1
??FEMRLE00BSMOY?	BS Dummy	Femur Left Moment Y	1.1
??FEMRLE00BSMOZ?	BS Dummy	Femur Left Moment Z	1.1
??FEMRRI00BSFOX?	BS Dummy	Femur Right Force X	1.1
??FEMRRI00BSFOY?	BS Dummy	Femur Right Force Y	1.1
??FEMRRI00BSFOZ?	BS Dummy	Femur Right Force Z	1.1
??FEMRRI00BSMOX?	BS Dummy	Femur Right Moment X	1.1
??FEMRRI00BSMOY?	BS Dummy	Femur Right Moment Y	1.1
??FEMRRI00BSMOZ?	BS Dummy	Femur Right Moment Z	1.1
??CLEVLEINBSFOZ?	BS Dummy	Knee Clevis Left Inner Force Z	1.1
??CLEVLEOUBSFOZ?	BS Dummy	Knee Clevis Left Outer Force Z	1.1
??CLEVRIINBSFOZ?	BS Dummy	Knee Clevis Right Inner Force Z	1.1
??CLEVRIOUBSFOZ?	BS Dummy	Knee Clevis Right Outer Force Z	1.1
??TIBILELOBSFOX?	BS Dummy	Tibia Left Lower Force X	1.1
??TIBILELOBSFOY?	BS Dummy	Tibia Left Lower Force Y	1.1
??TIBILELOBSFOZ?	BS Dummy	Tibia Left Lower Force Z	1.1
??TIBILELOBSMOX?	BS Dummy	Tibia Left Lower Moment X	1.1
??TIBILELOBSMOY?	BS Dummy	Tibia Left Lower Moment Y	1.1
??TIBILEUPBSFOX?	BS Dummy	Tibia Left Upper Force X	1.1
??TIBILEUPBSFOZ?	BS Dummy	Tibia Left Upper Force Z	1.1
??TIBILEUPBSMOX?	BS Dummy	Tibia Left Upper Moment X	1.1
??TIBILEUPBSMOY?	BS Dummy	Tibia Left Upper Moment Y	1.1
??TIBIRILOBSFOX?	BS Dummy	Tibia Right Lower Force X	1.1
??TIBIRILOBSFOY?	BS Dummy	Tibia Right Lower Force Y	1.1
??TIBIRILOBSFOZ?	BS Dummy	Tibia Right Lower Force Z	1.1
??TIBIRILOBSMOX?	BS Dummy	Tibia Right Lower Moment X	1.1
??TIBIRILOBSMOY?	BS Dummy	Tibia Right Lower Moment Y	1.1
??TIBIRIUPBSFOX?	BS Dummy	Tibia Right Upper Force X	1.1
??TIBIRIUPBSFOZ?	BS Dummy	Tibia Right Upper Force Z	1.1
??TIBIRIUPBSMOX?	BS Dummy	Tibia Right Upper Moment X	1.1
??TIBIRIUPBSMOY?	BS Dummy	Tibia Right Upper Moment Y	1.1
??FOOTLE00BSACR?	BS Dummy	Foot Left Acceleration Resultant	1.1
??FOOTLE00BSACX?	BS Dummy	Foot Left Acceleration X	1.1
??FOOTLE00BSACY?	BS Dummy	Foot Left Acceleration Y	1.1
??FOOTLE00BSACZ?	BS Dummy	Foot Left Acceleration Z	1.1
??FOOTLE00BSFOX?	BS Dummy	Foot Ankle Left Force X	1.1
??FOOTLE00BSFOY?	BS Dummy	Foot Ankle Left Force Y	1.1
??FOOTLE00BSFOZ?	BS Dummy	Foot Ankle Left Force Z	1.1
??FOOTLE00BSMOX?	BS Dummy	Foot Ankle Left Moment X	1.1
??FOOTLE00BSMOY?	BS Dummy	Foot Ankle Left Moment Y	1.1
??FOOTRI00BSACR?	BS Dummy	Foot Right Acceleration Resultant	1.1
??FOOTRI00BSACX?	BS Dummy	Foot Right Acceleration X	1.1
??FOOTRI00BSACY?	BS Dummy	Foot Right Acceleration Y	1.1
??FOOTRI00BSACZ?	BS Dummy	Foot Right Acceleration Z	1.1
??FOOTRI00BSFOX?	BS Dummy	Foot Ankle Right Force X	1.1
??FOOTRI00BSFOY?	BS Dummy	Foot Ankle Right Force Y	1.1
??FOOTRI00BSFOZ?	BS Dummy	Foot Ankle Right Force Z	1.1
??FOOTRI00BSMOX?	BS Dummy	Foot Ankle Right Moment X	1.1

ISO/TS 13499 - RED B : 2007 E

Possible Channels

BS Dummy

Code	Description	Remarks	Valid since Version
??FOOTRI00BSMOY?	BS Dummy	Foot Ankle Right Moment Y	1.1
??HEELLE00BSACZ?	BS Dummy	Heel Left Acceleration Z	1.1
??HEELRI00BSACZ?	BS Dummy	Heel Right Acceleration Z	1.1
??TOESLE00BSACZ?	BS Dummy	Toe Left Acceleration Z	1.1
??TOESLE00BSFOZ?	BS Dummy	Toe Left Force Z	1.1
??TOESRI00BSACZ?	BS Dummy	Toe Right Acceleration Z	1.1
??TOESRI00BSFOZ?	BS Dummy	Toe Right Force Z	1.1

Possible Channels

E1 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000E1ACR?	E1 Dummy Head Acceleration Resultant		1.0
??HEAD0000E1ACX?	E1 Dummy Head Acceleration X		1.0
??HEAD0000E1ACY?	E1 Dummy Head Acceleration Y		1.0
??HEAD0000E1ACZ?	E1 Dummy Head Acceleration Z		1.0
??NECKLO00E1FOX?	E1 Dummy Neck Lower Force X		1.0
??NECKLO00E1FOY?	E1 Dummy Neck Lower Force Y		1.0
??NECKLO00E1FOZ?	E1 Dummy Neck Lower Force Z		1.0
??NECKLO00E1LEX?	E1 Dummy Neck Lower Lever Arm X		1.0
??NECKLO00E1LEZ?	E1 Dummy Neck Lower Lever Arm Z		1.0
??NECKLO00E1MOX?	E1 Dummy Neck Lower Moment X		1.0
??NECKLO00E1MOY?	E1 Dummy Neck Lower Moment Y		1.0
??NECKLO00E1MOZ?	E1 Dummy Neck Lower Moment Z		1.0
??NECKUP00E1FOX?	E1 Dummy Neck Upper Force X		1.0
??NECKUP00E1FOY?	E1 Dummy Neck Upper Force Y		1.0
??NECKUP00E1FOZ?	E1 Dummy Neck Upper Force Z		1.0
??NECKUP00E1LE0?	E1 Dummy Neck Upper Lever Arm		1.0
??NECKUP00E1MOX?	E1 Dummy Neck Upper Moment X		1.0
??NECKUP00E1MOY?	E1 Dummy Neck Upper Moment Y		1.0
??NECKUP00E1MOZ?	E1 Dummy Neck Upper Moment Z		1.0
??SHLDLE00E1FOX?	E1 Dummy Shoulder Left Force X		1.0
??SHLDLE00E1FOY?	E1 Dummy Shoulder Left Force Y		1.0
??SHLDLE00E1FOZ?	E1 Dummy Shoulder Left Force Z		1.0
??SHLDRI00E1FOX?	E1 Dummy Shoulder Right Force X		1.0
??SHLDRI00E1FOY?	E1 Dummy Shoulder Right Force Y		1.0
??SHLDRI00E1FOZ?	E1 Dummy Shoulder Right Force Z		1.0
??RIBSLELOE1ACY?	E1 Dummy Rib Left Lower Acceleration Y		1.0
??RIBSLELOE1DSY?	E1 Dummy Rib Left Lower Displacement Y		1.0
??RIBSLELOE1VEY?	E1 Dummy Rib Left Lower Velocity Y		1.0
??RIBSLEMIE1ACY?	E1 Dummy Rib Left Middle Acceleration Y		1.0
??RIBSLEMIE1DSY?	E1 Dummy Rib Left Middle Displacement Y		1.0
??RIBSLEMIE1VEY?	E1 Dummy Rib Left Middle Velocity Y		1.0
??RIBSLEUPE1ACY?	E1 Dummy Rib Left Upper Acceleration Y		1.0
??RIBSLEUPE1DSY?	E1 Dummy Rib Left Upper Displacement Y		1.0
??RIBSLEUPE1VEY?	E1 Dummy Rib Left Upper Velocity Y		1.0
??RIBSRILOE1ACY?	E1 Dummy Rib Right Lower Acceleration Y		1.2
??RIBSRILOE1DSY?	E1 Dummy Rib Right Lower Displacement Y		1.0
??RIBSRILOE1VEY?	E1 Dummy Rib Right Lower Velocity Y		1.2
??RIBSRIMIE1ACY?	E1 Dummy Rib Right Middle Acceleration Y		1.2
??RIBSRIMIE1DSY?	E1 Dummy Rib Right Middle Displacement Y		1.0
??RIBSRIMIE1VEY?	E1 Dummy Rib Right Middle Velocity Y		1.2
??RIBSRIUPE1ACY?	E1 Dummy Rib Right Upper Acceleration Y		1.2
??RIBSRIUPE1DSY?	E1 Dummy Rib Right Upper Displacement Y		1.0
??RIBSRIUPE1VEY?	E1 Dummy Rib Right Upper Velocity Y		1.2
??SPIN0100E1ACR?	E1 Dummy Spine Upper (T1) Acceleration Resultant		1.0
??SPIN0100E1ACX?	E1 Dummy Spine Upper (T1) Acceleration X		1.0
??SPIN0100E1ACY?	E1 Dummy Spine Upper (T1) Acceleration Y		1.0
??SPIN0100E1ACZ?	E1 Dummy Spine Upper (T1) Acceleration Z		1.0
??SPIN1200E1ACR?	E1 Dummy Spine Lower (T12) Acceleration Resultant		1.0
??SPIN1200E1ACX?	E1 Dummy Spine Lower (T12) Acceleration X		1.0
??SPIN1200E1ACY?	E1 Dummy Spine Lower (T12) Acceleration Y		1.0

Possible Channels

E1 Dummy

Code	Description	Remarks	Valid since Version
??SPIN1200E1ACZ?	E1 Dummy Spine Lower (T12) Acceleration Z		1.0
??SPIN1200E1FOX?	E1 Dummy Spine Lower (T12) Force X		1.1
??SPIN1200E1FOY?	E1 Dummy Spine Lower (T12) Force Y		1.1
??SPIN1200E1MOX?	E1 Dummy Spine Lower (T12) Moment X		1.2
??SPIN1200E1MOY?	E1 Dummy Spine Lower (T12) Moment Y		1.1
??BAPL0000E1FOX?	E1 Dummy Backplate Force X		1.0
??BAPL0000E1FOY?	E1 Dummy Backplate Force Y		1.0
??BAPL0000E1MOY?	E1 Dummy Backplate Moment Y		1.2
??BAPL0000E1MOZ?	E1 Dummy Backplate Moment Z		1.0
??ABDOLEFRE1FOY?	E1 Dummy Abdominal Left Front Force Y		1.0
??ABDOLEMIE1FOY?	E1 Dummy Abdominal Left Middle Force Y		1.0
??ABDOLEREE1FOY?	E1 Dummy Abdominal Left Rear Force Y		1.0
??ABDOLESUE1FOY?	E1 Dummy Abdominal Left Sum Force Y		1.0
??ABDORIFRE1FOY?	E1 Dummy Abdominal Right Front Force Y		1.0
??ABDORIMIE1FOY?	E1 Dummy Abdominal Right Middle Force Y		1.0
??ABDORIREE1FOY?	E1 Dummy Abdominal Right Rear Force Y		1.0
??ABDORISUE1FOY?	E1 Dummy Abdominal Right Sum Force Y		1.0
??LUSP0000E1FOY?	E1 Dummy Lumbar Spine Force Y		1.0
??LUSP0000E1FOZ?	E1 Dummy Lumbar Spine Force Z		1.0
??LUSP0000E1MOX?	E1 Dummy Lumbar Spine Moment X		1.0
??PELV0000E1ACR?	E1 Dummy Pelvis Acceleration Resultant		1.0
??PELV0000E1ACX?	E1 Dummy Pelvis Acceleration X		1.0
??PELV0000E1ACY?	E1 Dummy Pelvis Acceleration Y		1.0
??PELV0000E1ACZ?	E1 Dummy Pelvis Acceleration Z		1.0
??PELV0000E1ANX?	E1 Dummy Pelvis Angle X		1.0
??PELV0000E1ANY?	E1 Dummy Pelvis Angle Y		1.0
??PUBCLE00E1FOY?	E1 Dummy Pubic Symphysis Left Force Y		1.0
??PUBCRI00E1FOY?	E1 Dummy Pubic Symphysis Right Force Y		1.1
??FEMRLE00E1FOX?	E1 Dummy Femur Left Force X		1.0
??FEMRLE00E1FOY?	E1 Dummy Femur Left Force Y		1.0
??FEMRLE00E1FOZ?	E1 Dummy Femur Left Force Z		1.0
??FEMRLE00E1MOX?	E1 Dummy Femur Left Moment X		1.0
??FEMRLE00E1MOY?	E1 Dummy Femur Left Moment Y		1.0
??FEMRLE00E1MOZ?	E1 Dummy Femur Left Moment Z		1.0
??FEMRRI00E1FOX?	E1 Dummy Femur Right Force X		1.0
??FEMRRI00E1FOY?	E1 Dummy Femur Right Force Y		1.0
??FEMRRI00E1FOZ?	E1 Dummy Femur Right Force Z		1.0
??FEMRRI00E1MOX?	E1 Dummy Femur Right Moment X		1.0
??FEMRRI00E1MOY?	E1 Dummy Femur Right Moment Y		1.0
??FEMRRI00E1MOZ?	E1 Dummy Femur Right Moment Z		1.0
??VCCRLELOE1VE0?	E1 Dummy Rib Viscous Criterion Left Lower		1.2
??VCCRLEMIE1VE0?	E1 Dummy Rib Viscous Criterion Left Middle		1.2
??VCCRLEUPE1VE0?	E1 Dummy Rib Viscous Criterion Left Upper		1.2
??VCCRRILOE1VE0?	E1 Dummy Rib Viscous Criterion Right Lower		1.2
??VCCRRIEMIE1VE0?	E1 Dummy Rib Viscous Criterion Right Middle		1.2
??VCCRRIUPE1VE0?	E1 Dummy Rib Viscous Criterion Right Upper		1.2

Possible Channels

E2 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000E2ACR?	E2 Dummy	Head Acceleration Resultant	1.4
??HEAD0000E2ACX?	E2 Dummy	Head Acceleration X	1.4
??HEAD0000E2ACY?	E2 Dummy	Head Acceleration Y	1.4
??HEAD0000E2ACZ?	E2 Dummy	Head Acceleration Z	1.4
??NECKLO00E2FOX?	E2 Dummy	Neck Lower Force X	1.4
??NECKLO00E2FOY?	E2 Dummy	Neck Lower Force Y	1.4
??NECKLO00E2FOZ?	E2 Dummy	Neck Lower Force Z	1.4
??NECKLO00E2LEX?	E2 Dummy	Neck Lower Lever Arm X	1.4
??NECKLO00E2LEZ?	E2 Dummy	Neck Lower Lever Arm Z	1.4
??NECKLO00E2MOX?	E2 Dummy	Neck Lower Moment X	1.4
??NECKLO00E2MOY?	E2 Dummy	Neck Lower Moment Y	1.4
??NECKLO00E2MOZ?	E2 Dummy	Neck Lower Moment Z	1.4
??NECKUP00E2FOX?	E2 Dummy	Neck Upper Force X	1.4
??NECKUP00E2FOY?	E2 Dummy	Neck Upper Force Y	1.4
??NECKUP00E2FOZ?	E2 Dummy	Neck Upper Force Z	1.4
??NECKUP00E2LE0?	E2 Dummy	Neck Upper Lever Arm	1.4
??NECKUP00E2MOX?	E2 Dummy	Neck Upper Moment X	1.4
??NECKUP00E2MOY?	E2 Dummy	Neck Upper Moment Y	1.4
??NECKUP00E2MOZ?	E2 Dummy	Neck Upper Moment Z	1.4
??SHLDLE00E2FOX?	E2 Dummy	Shoulder Left Force X	1.4
??SHLDLE00E2FOY?	E2 Dummy	Shoulder Left Force Y	1.4
??SHLDLE00E2FOZ?	E2 Dummy	Shoulder Left Force Z	1.4
??SHLDRI00E2FOX?	E2 Dummy	Shoulder Right Force X	1.4
??SHLDRI00E2FOY?	E2 Dummy	Shoulder Right Force Y	1.4
??SHLDRI00E2FOZ?	E2 Dummy	Shoulder Right Force Z	1.4
??RIBSLELOE2ACY?	E2 Dummy	Rib Left Lower Acceleration Y	1.4
??RIBSLELOE2DSY?	E2 Dummy	Rib Left Lower Displacement Y	1.4
??RIBSLELOE2VEY?	E2 Dummy	Rib Left Lower Velocity Y	1.4
??RIBSLEMIE2ACY?	E2 Dummy	Rib Left Middle Acceleration Y	1.4
??RIBSLEMIE2DSY?	E2 Dummy	Rib Left Middle Displacement Y	1.4
??RIBSLEMIE2VEY?	E2 Dummy	Rib Left Middle Velocity Y	1.4
??RIBSLEUPE2ACY?	E2 Dummy	Rib Left Upper Acceleration Y	1.4
??RIBSLEUPE2DSY?	E2 Dummy	Rib Left Upper Displacement Y	1.4
??RIBSLEUPE2VEY?	E2 Dummy	Rib Left Upper Velocity Y	1.4
??RIBSRILOE2ACY?	E2 Dummy	Rib Right Lower Acceleration Y	1.4
??RIBSRILOE2DSY?	E2 Dummy	Rib Right Lower Displacement Y	1.4
??RIBSRILOE2VEY?	E2 Dummy	Rib Right Lower Velocity Y	1.4
??RIBSRIMIE2ACY?	E2 Dummy	Rib Right Middle Acceleration Y	1.4
??RIBSRIMIE2DSY?	E2 Dummy	Rib Right Middle Displacement Y	1.4
??RIBSRIMIE2VEY?	E2 Dummy	Rib Right Middle Velocity Y	1.4
??RIBSRIUPE2ACY?	E2 Dummy	Rib Right Upper Acceleration Y	1.4
??RIBSRIUPE2DSY?	E2 Dummy	Rib Right Upper Displacement Y	1.4
??RIBSRIUPE2VEY?	E2 Dummy	Rib Right Upper Velocity Y	1.4
??SPIN0100E2ACR?	E2 Dummy	Spine Upper (T1) Acceleration Resultant	1.4
??SPIN0100E2ACX?	E2 Dummy	Spine Upper (T1) Acceleration X	1.4
??SPIN0100E2ACY?	E2 Dummy	Spine Upper (T1) Acceleration Y	1.4
??SPIN0100E2ACZ?	E2 Dummy	Spine Upper (T1) Acceleration Z	1.4
??SPIN1200E2ACR?	E2 Dummy	Spine Lower (T12) Acceleration Resultant	1.4
??SPIN1200E2ACX?	E2 Dummy	Spine Lower (T12) Acceleration X	1.4
??SPIN1200E2ACY?	E2 Dummy	Spine Lower (T12) Acceleration Y	1.4

Possible Channels

E2 Dummy

Code	Description	Remarks	Valid since Version
??SPIN1200E2ACZ?	E2 Dummy Spine Lower (T12) Acceleration Z		1.4
??SPIN1200E2FOX?	E2 Dummy Spine Lower (T12) Force X		1.4
??SPIN1200E2FOY?	E2 Dummy Spine Lower (T12) Force Y		1.4
??SPIN1200E2MOX?	E2 Dummy Spine Lower (T12) Moment X		1.4
??SPIN1200E2MOY?	E2 Dummy Spine Lower (T12) Moment Y		1.4
??BAPL0000E2FOX?	E2 Dummy Backplate Force X		1.4
??BAPL0000E2FOY?	E2 Dummy Backplate Force Y		1.4
??BAPL0000E2MOY?	E2 Dummy Backplate Moment Y		1.4
??BAPL0000E2MOZ?	E2 Dummy Backplate Moment Z		1.4
??ABDOLEFRE2FOY?	E2 Dummy Abdominal Left Front Force Y		1.4
??ABDOLEMIE2FOY?	E2 Dummy Abdominal Left Middle Force Y		1.4
??ABDOLEREE2FOY?	E2 Dummy Abdominal Left Rear Force Y		1.4
??ABDOLESUE2FOY?	E2 Dummy Abdominal Left Sum Force Y		1.4
??ABDORIFRE2FOY?	E2 Dummy Abdominal Right Front Force Y		1.4
??ABDORIMIE2FOY?	E2 Dummy Abdominal Right Middle Force Y		1.4
??ABDORIREE2FOY?	E2 Dummy Abdominal Right Rear Force Y		1.4
??ABDORISUE2FOY?	E2 Dummy Abdominal Right Sum Force Y		1.4
??LUSP0000E2FOY?	E2 Dummy Lumbar Spine Force Y		1.4
??LUSP0000E2FOZ?	E2 Dummy Lumbar Spine Force Z		1.4
??LUSP0000E2MOX?	E2 Dummy Lumbar Spine Moment X		1.4
??PELV0000E2ACR?	E2 Dummy Pelvis Acceleration Resultant		1.4
??PELV0000E2ACX?	E2 Dummy Pelvis Acceleration X		1.4
??PELV0000E2ACY?	E2 Dummy Pelvis Acceleration Y		1.4
??PELV0000E2ACZ?	E2 Dummy Pelvis Acceleration Z		1.4
??PELV0000E2ANX?	E2 Dummy Pelvis Angle X		1.4
??PELV0000E2ANY?	E2 Dummy Pelvis Angle Y		1.4
??PUBCLE00E2FOY?	E2 Dummy Pubic Symphysis Left Force Y		1.4
??PUBCRI00E2FOY?	E2 Dummy Pubic Symphysis Right Force Y		1.4
??FEMRLE00E2FOX?	E2 Dummy Femur Left Force X		1.4
??FEMRLE00E2FOY?	E2 Dummy Femur Left Force Y		1.4
??FEMRLE00E2FOZ?	E2 Dummy Femur Left Force Z		1.4
??FEMRLE00E2MOX?	E2 Dummy Femur Left Moment X		1.4
??FEMRLE00E2MOY?	E2 Dummy Femur Left Moment Y		1.4
??FEMRLE00E2MOZ?	E2 Dummy Femur Left Moment Z		1.4
??FEMRRI00E2FOX?	E2 Dummy Femur Right Force X		1.4
??FEMRRI00E2FOY?	E2 Dummy Femur Right Force Y		1.4
??FEMRRI00E2FOZ?	E2 Dummy Femur Right Force Z		1.4
??FEMRRI00E2MOX?	E2 Dummy Femur Right Moment X		1.4
??FEMRRI00E2MOY?	E2 Dummy Femur Right Moment Y		1.4
??FEMRRI00E2MOZ?	E2 Dummy Femur Right Moment Z		1.4
??VCCRLELOE2VE0?	E2 Dummy Rib Viscous Criterion Left Lower		1.4
??VCCRLEMIE2VE0?	E2 Dummy Rib Viscous Criterion Left Middle		1.4
??VCCRLEUPE2VE0?	E2 Dummy Rib Viscous Criterion Left Upper		1.4
??VCCRRILOE2VE0?	E2 Dummy Rib Viscous Criterion Right Lower		1.4
??VCCRRIIMIE2VE0?	E2 Dummy Rib Viscous Criterion Right Middle		1.4
??VCCRRIUPE2VE0?	E2 Dummy Rib Viscous Criterion Right Upper		1.4

Possible Channels

H3 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000H3ACR?	H3 Dummy	Head Acceleration Resultant	1.0
??HEAD0000H3ACX?	H3 Dummy	Head Acceleration X	1.0
??HEAD0000H3ACY?	H3 Dummy	Head Acceleration Y	1.0
??HEAD0000H3ACZ?	H3 Dummy	Head Acceleration Z	1.0
??HEADFR00H3ACR?	H3 Dummy	Head Front Acceleration Resultant	1.0
??HEADFR00H3ACX?	H3 Dummy	Head Front Acceleration X	1.0
??HEADFR00H3ACY?	H3 Dummy	Head Front Acceleration Y	1.0
??HEADFR00H3ACZ?	H3 Dummy	Head Front Acceleration Z	1.0
??HEADLE00H3ACR?	H3 Dummy	Head Left Acceleration Resultant	1.0
??HEADLE00H3ACX?	H3 Dummy	Head Left Acceleration X	1.0
??HEADLE00H3ACY?	H3 Dummy	Head Left Acceleration Y	1.0
??HEADLE00H3ACZ?	H3 Dummy	Head Left Acceleration Z	1.0
??HEADRE00H3ACR?	H3 Dummy	Head Rear Acceleration Resultant	1.0
??HEADRE00H3ACX?	H3 Dummy	Head Rear Acceleration X	1.0
??HEADRE00H3ACY?	H3 Dummy	Head Rear Acceleration Y	1.0
??HEADRE00H3ACZ?	H3 Dummy	Head Rear Acceleration Z	1.0
??HEADRI00H3ACR?	H3 Dummy	Head Right Acceleration Resultant	1.0
??HEADRI00H3ACX?	H3 Dummy	Head Right Acceleration X	1.0
??HEADRI00H3ACY?	H3 Dummy	Head Right Acceleration Y	1.0
??HEADRI00H3ACZ?	H3 Dummy	Head Right Acceleration Z	1.0
??HEADUP00H3ACR?	H3 Dummy	Head Upper Acceleration Resultant	1.0
??HEADUP00H3ACX?	H3 Dummy	Head Upper Acceleration X	1.0
??HEADUP00H3ACY?	H3 Dummy	Head Upper Acceleration Y	1.0
??HEADUP00H3ACZ?	H3 Dummy	Head Upper Acceleration Z	1.0
??NECKLO00H3FOX?	H3 Dummy	Neck Lower Force X	1.0
??NECKLO00H3FOY?	H3 Dummy	Neck Lower Force Y	1.0
??NECKLO00H3FOZ?	H3 Dummy	Neck Lower Force Z	1.0
??NECKLO00H3LEX?	H3 Dummy	Neck Lower Lever Arm X	1.0
??NECKLO00H3LEZ?	H3 Dummy	Neck Lower Lever Arm Z	1.0
??NECKLO00H3MOX?	H3 Dummy	Neck Lower Moment X	1.0
??NECKLO00H3MOY?	H3 Dummy	Neck Lower Moment Y	1.0
??NECKLO00H3MOZ?	H3 Dummy	Neck Lower Moment Z	1.0
??NECKLOTOH3MOX?	H3 Dummy	Neck Lower Total Moment X	1.0
??NECKLOTOH3MOY?	H3 Dummy	Neck Lower Total Moment Y	1.0
??NECKLOTOH3MOZ?	H3 Dummy	Neck Lower Total Moment Z	1.0
??NECKUP00H3FOX?	H3 Dummy	Neck Upper Force X	1.0
??NECKUP00H3FOY?	H3 Dummy	Neck Upper Force Y	1.0
??NECKUP00H3FOZ?	H3 Dummy	Neck Upper Force Z	1.0
??NECKUP00H3LE0?	H3 Dummy	Neck Upper Lever Arm	1.0
??NECKUP00H3MOX?	H3 Dummy	Neck Upper Moment X	1.0
??NECKUP00H3MOY?	H3 Dummy	Neck Upper Moment Y	1.0
??NECKUP00H3MOZ?	H3 Dummy	Neck Upper Moment Z	1.0
??NECKUPCEH3000?	H3 Dummy	Neck Upper Compression Extension	1.0
??NECKUPCFH3000?	H3 Dummy	Neck Upper Compression Flexion	1.0
??NECKUPDNH3FOX?	H3 Dummy	Neck Upper Duration of Loading Negative X	1.0
??NECKUPDNH3FOZ?	H3 Dummy	Neck Upper Duration of Loading Negative Z	1.0
??NECKUPDPH3FOX?	H3 Dummy	Neck Upper Duration of Loading Positive X	1.0
??NECKUPDPH3FOZ?	H3 Dummy	Neck Upper Duration of Loading Positive Z	1.0
??NECKUPTEH3000?	H3 Dummy	Neck Upper Tension Extension	1.0
??NECKUPTFH3000?	H3 Dummy	Neck Upper Tension Flexion	1.0

Possible Channels

H3 Dummy

Code	Description	Remarks	Valid since Version
??NECKUPTOH3MOX?	H3 Dummy	Neck Upper Total Moment X	1.0
??NECKUPTOH3MOY?	H3 Dummy	Neck Upper Total Moment Y	1.0
??CLAVLE00H3FOX?	H3 Dummy	Clavicle Left Force X	1.0
??CLAVLE00H3FOZ?	H3 Dummy	Clavicle Left Force Z	1.0
??CLAVRI00H3FOX?	H3 Dummy	Clavicle Right Force X	1.0
??CLAVRI00H3FOZ?	H3 Dummy	Clavicle Right Force Z	1.0
??UPARLELOH3FOX?	H3 Dummy	Upper Arm Left Lower Force X	1.1
??UPARLELOH3FOY?	H3 Dummy	Upper Arm Left Lower Force Y	1.1
??UPARLELOH3MOX?	H3 Dummy	Upper Arm Left Lower Moment X	1.1
??UPARLELOH3MOY?	H3 Dummy	Upper Arm Left Lower Moment Y	1.1
??UPARLEUPH3FOX?	H3 Dummy	Upper Arm Left Upper Force X	1.1
??UPARLEUPH3FOY?	H3 Dummy	Upper Arm Left Upper Force Y	1.1
??UPARLEUPH3MOX?	H3 Dummy	Upper Arm Left Upper Moment X	1.1
??UPARLEUPH3MOY?	H3 Dummy	Upper Arm Left Upper Moment Y	1.1
??UPARRILOH3FOX?	H3 Dummy	Upper Arm Right Lower Force X	1.1
??UPARRILOH3FOY?	H3 Dummy	Upper Arm Right Lower Force Y	1.1
??UPARRILOH3MOX?	H3 Dummy	Upper Arm Right Lower Moment X	1.1
??UPARRILOH3MOY?	H3 Dummy	Upper Arm Right Lower Moment Y	1.1
??UPARRIUPH3FOX?	H3 Dummy	Upper Arm Right Upper Force X	1.1
??UPARRIUPH3FOY?	H3 Dummy	Upper Arm Right Upper Force Y	1.1
??UPARRIUPH3MOX?	H3 Dummy	Upper Arm Right Upper Moment X	1.1
??UPARRIUPH3MOY?	H3 Dummy	Upper Arm Right Upper Moment Y	1.1
??RIBS0000H3LE0?	H3 Dummy	Rib Force Lever Arm	1.0
??RIBSLE01H3FOX?	H3 Dummy	Rib Left 01 Force X	1.0
??RIBSLE02H3FOX?	H3 Dummy	Rib Left 02 Force X	1.0
??RIBSLE03H3FOX?	H3 Dummy	Rib Left 03 Force X	1.0
??RIBSLE04H3FOX?	H3 Dummy	Rib Left 04 Force X	1.0
??RIBSLE05H3FOX?	H3 Dummy	Rib Left 05 Force X	1.0
??RIBSLE06H3FOX?	H3 Dummy	Rib Left 06 Force X	1.0
??RIBSRI01H3FOX?	H3 Dummy	Rib Right 01 Force X	1.0
??RIBSRI02H3FOX?	H3 Dummy	Rib Right 02 Force X	1.0
??RIBSRI03H3FOX?	H3 Dummy	Rib Right 03 Force X	1.0
??RIBSRI04H3FOX?	H3 Dummy	Rib Right 04 Force X	1.0
??RIBSRI05H3FOX?	H3 Dummy	Rib Right 05 Force X	1.0
??RIBSRI06H3FOX?	H3 Dummy	Rib Right 06 Force X	1.0
??RIBS0100H3MOZ?	H3 Dummy	Rib 01 Moment Z	1.0
??RIBS0200H3MOZ?	H3 Dummy	Rib 02 Moment Z	1.0
??RIBS0300H3MOZ?	H3 Dummy	Rib 03 Moment Z	1.0
??RIBS0400H3MOZ?	H3 Dummy	Rib 04 Moment Z	1.0
??RIBS0500H3MOZ?	H3 Dummy	Rib 05 Moment Z	1.0
??RIBS0600H3MOZ?	H3 Dummy	Rib 06 Moment Z	1.0
??THSP0000H3ANZ?	H3 Dummy	Thoracic Spine Angle Z	1.0
??THSP0000H3FOX?	H3 Dummy	Thoracic Spine Force X	1.0
??THSP0000H3FOY?	H3 Dummy	Thoracic Spine Force Y	1.0
??THSP0000H3FOZ?	H3 Dummy	Thoracic Spine Force Z	1.0
??THSP0000H3MOX?	H3 Dummy	Thoracic Spine Moment X	1.0
??THSP0000H3MOY?	H3 Dummy	Thoracic Spine Moment Y	1.0
??CHST0000H3ACR?	H3 Dummy	Chest Acceleration Resultant	1.0
??CHST0000H3ACX?	H3 Dummy	Chest Acceleration X	1.0
??CHST0000H3ACY?	H3 Dummy	Chest Acceleration Y	1.0

Possible Channels

H3 Dummy

Code	Description	Remarks	Valid since Version
??CHST0000H3ACZ?	H3 Dummy	Chest Acceleration Z	1.0
??CHST0000H3DSX?	H3 Dummy	Chest Displacement X	Filter Class related to ECE and FMVSS 1.0
??CHST0000H3VEX?	H3 Dummy	Chest Velocity X	1.0
??LUSP0000H3FOX?	H3 Dummy	Lumbar Spine Force X	1.0
??LUSP0000H3FOZ?	H3 Dummy	Lumbar Spine Force Z	1.0
??LUSP0000H3MOY?	H3 Dummy	Lumbar Spine Moment Y	1.0
??PELV0000H3ACR?	H3 Dummy	Pelvis Acceleration Resultant	1.0
??PELV0000H3ACX?	H3 Dummy	Pelvis Acceleration X	1.0
??PELV0000H3ACY?	H3 Dummy	Pelvis Acceleration Y	1.0
??PELV0000H3ACZ?	H3 Dummy	Pelvis Acceleration Z	1.0
??PELV0000H3ANX?	H3 Dummy	Pelvis Angle X	1.0
??PELV0000H3ANY?	H3 Dummy	Pelvis Angle Y	1.0
??FEMRLE00H3FOZ?	H3 Dummy	Femur Left Force Z	1.0
??FEMRLEDUH3FOZ?	H3 Dummy	Femur Left Duration Force Z	1.0
??FEMRLEUPH3ACR?	H3 Dummy	Femur Left Upper Acceleration Resultant	1.0
??FEMRLEUPH3ACX?	H3 Dummy	Femur Left Upper Acceleration X	1.0
??FEMRLEUPH3ACY?	H3 Dummy	Femur Left Upper Acceleration Y	1.0
??FEMRLEUPH3ACZ?	H3 Dummy	Femur Left Upper Acceleration Z	1.0
??FEMRLEUPH3FOX?	H3 Dummy	Femur Left Upper Force X	1.0
??FEMRLEUPH3FOY?	H3 Dummy	Femur Left Upper Force Y	1.0
??FEMRLEUPH3FOZ?	H3 Dummy	Femur Left Upper Force Z	1.0
??FEMRLEUPH3MOX?	H3 Dummy	Femur Left Upper Moment X	1.0
??FEMRLEUPH3MOY?	H3 Dummy	Femur Left Upper Moment Y	1.0
??FEMRLEUPH3MOZ?	H3 Dummy	Femur Left Upper Moment Z	1.0
??FEMRRI00H3FOZ?	H3 Dummy	Femur Right Force Z	1.0
??FEMRRIDUH3FOZ?	H3 Dummy	Femur Right Duration Force Z	1.0
??FEMRRIUPH3ACR?	H3 Dummy	Femur Right Upper Acceleration Resultant	1.0
??FEMRRIUPH3ACX?	H3 Dummy	Femur Right Upper Acceleration X	1.0
??FEMRRIUPH3ACY?	H3 Dummy	Femur Right Upper Acceleration Y	1.0
??FEMRRIUPH3ACZ?	H3 Dummy	Femur Right Upper Acceleration Z	1.0
??FEMRRIUPH3FOX?	H3 Dummy	Femur Right Upper Force X	1.0
??FEMRRIUPH3FOY?	H3 Dummy	Femur Right Upper Force Y	1.0
??FEMRRIUPH3FOZ?	H3 Dummy	Femur Right Upper Force Z	1.0
??FEMRRIUPH3MOX?	H3 Dummy	Femur Right Upper Moment X	1.0
??FEMRRIUPH3MOY?	H3 Dummy	Femur Right Upper Moment Y	1.0
??FEMRRIUPH3MOZ?	H3 Dummy	Femur Right Upper Moment Z	1.0
??CLEVLEINH3FOZ?	H3 Dummy	Knee Clevis Left Inner Force Z	1.0
??CLEVLEOUH3FOZ?	H3 Dummy	Knee Clevis Left Outer Force Z	1.0
??CLEVRIINH3FOZ?	H3 Dummy	Knee Clevis Right Inner Force Z	1.0
??CLEVRIOUH3FOZ?	H3 Dummy	Knee Clevis Right Outer Force Z	1.0
??KNSLLE00H3DSX?	H3 Dummy	Knee Slider Left Displacement X	1.0
??KNSLRI00H3DSX?	H3 Dummy	Knee Slider Right Displacement X	1.0
??TIRALLFZH300Z?	H3 Dummy	Tibia Ratio Left Lower Force	1.5
??TIRALLMRH300R?	H3 Dummy	Tibia Ratio Left Lower Moment	1.5
??TIRALUFZH300Z?	H3 Dummy	Tibia Ratio Left Upper Force	1.5
??TIRALUMRH300R?	H3 Dummy	Tibia Ratio Left Upper Moment	1.5
??TIRARLFZH300Z?	H3 Dummy	Tibia Ratio Right Lower Force	1.5
??TIRARLMRH300R?	H3 Dummy	Tibia Ratio Right Lower Moment	1.5
??TIRARUFZH300Z?	H3 Dummy	Tibia Ratio Right Upper Force	1.5

Possible Channels

H3 Dummy

Code	Description	Remarks	Valid since Version
??TIRARUMRH300R?	H3 Dummy	Tibia Ratio Right Upper Moment	1.5
??TIBILELOH3FOX?	H3 Dummy	Tibia Left Lower Force X	1.0
??TIBILELOH3FOY?	H3 Dummy	Tibia Left Lower Force Y	1.0
??TIBILELOH3FOZ?	H3 Dummy	Tibia Left Lower Force Z	1.0
??TIBILELOH3MOX?	H3 Dummy	Tibia Left Lower Moment X	1.0
??TIBILELOH3MOY?	H3 Dummy	Tibia Left Lower Moment Y	1.0
??TIBILEUPH3FOX?	H3 Dummy	Tibia Left Upper Force X	1.0
??TIBILEUPH3FOZ?	H3 Dummy	Tibia Left Upper Force Z	1.0
??TIBILEUPH3MOX?	H3 Dummy	Tibia Left Upper Moment X	1.0
??TIBILEUPH3MOY?	H3 Dummy	Tibia Left Upper Moment Y	1.0
??TIBIRILOH3FOX?	H3 Dummy	Tibia Right Lower Force X	1.0
??TIBIRILOH3FOY?	H3 Dummy	Tibia Right Lower Force Y	1.0
??TIBIRILOH3FOZ?	H3 Dummy	Tibia Right Lower Force Z	1.0
??TIBIRILOH3MOX?	H3 Dummy	Tibia Right Lower Moment X	1.0
??TIBIRILOH3MOY?	H3 Dummy	Tibia Right Lower Moment Y	1.0
??TIBIRIUPH3FOX?	H3 Dummy	Tibia Right Upper Force X	1.0
??TIBIRIUPH3FOZ?	H3 Dummy	Tibia Right Upper Force Z	1.0
??TIBIRIUPH3MOX?	H3 Dummy	Tibia Right Upper Moment X	1.0
??TIBIRIUPH3MOY?	H3 Dummy	Tibia Right Upper Moment Y	1.0
??FOOTLE00H3ACR?	H3 Dummy	Foot Left Acceleration Resultant	1.0
??FOOTLE00H3ACX?	H3 Dummy	Foot Left Acceleration X	1.0
??FOOTLE00H3ACY?	H3 Dummy	Foot Left Acceleration Y	1.0
??FOOTLE00H3ACZ?	H3 Dummy	Foot Left Acceleration Z	1.0
??FOOTLE00H3FOX?	H3 Dummy	Foot Ankle Left Force X	1.0
??FOOTLE00H3FOY?	H3 Dummy	Foot Ankle Left Force Y	1.0
??FOOTLE00H3FOZ?	H3 Dummy	Foot Ankle Left Force Z	1.0
??FOOTLE00H3MOX?	H3 Dummy	Foot Ankle Left Moment X	1.0
??FOOTLE00H3MOY?	H3 Dummy	Foot Ankle Left Moment Y	1.0
??FOOTRI00H3ACR?	H3 Dummy	Foot Right Acceleration Resultant	1.0
??FOOTRI00H3ACX?	H3 Dummy	Foot Right Acceleration X	1.0
??FOOTRI00H3ACY?	H3 Dummy	Foot Right Acceleration Y	1.0
??FOOTRI00H3ACZ?	H3 Dummy	Foot Right Acceleration Z	1.0
??FOOTRI00H3FOX?	H3 Dummy	Foot Ankle Right Force X	1.0
??FOOTRI00H3FOY?	H3 Dummy	Foot Ankle Right Force Y	1.0
??FOOTRI00H3FOZ?	H3 Dummy	Foot Ankle Right Force Z	1.0
??FOOTRI00H3MOX?	H3 Dummy	Foot Ankle Right Moment X	1.0
??FOOTRI00H3MOY?	H3 Dummy	Foot Ankle Right Moment Y	1.0
??HEELLE00H3ACZ?	H3 Dummy	Heel Left Acceleration Z	1.0
??HEELRI00H3ACZ?	H3 Dummy	Heel Right Acceleration Z	1.0
??TOESLE00H3ACZ?	H3 Dummy	Toe Left Acceleration Z	1.0
??TOESLE00H3FOZ?	H3 Dummy	Toe Left Force Z	1.0
??TOESRI00H3ACZ?	H3 Dummy	Toe Right Acceleration Z	1.0
??TOESRI00H3FOZ?	H3 Dummy	Toe Right Force Z	1.0
??SUMALELOH3FOX?	H3 Dummy	Submarining Left Lower Force X	1.0
??SUMALEMIH3FOX?	H3 Dummy	Submarining Left Middle Force X	1.0
??SUMALEUPH3FOX?	H3 Dummy	Submarining Left Upper Force X	1.0
??SUMARILOH3FOX?	H3 Dummy	Submarining Right Lower Force X	1.0
??SUMARIMIH3FOX?	H3 Dummy	Submarining Right Middle Force X	1.0
??SUMARIUPH3FOX?	H3 Dummy	Submarining Right Upper Force X	1.0
??VCCR0000H3VE0?	H3 Dummy	Chest Viscous Criterion	1.2

Possible Channels**H3 Dummy**

Code	Description		Remarks	Valid since Version
??TIINLELOH3000?	H3 Dummy	Tibia Index Left Lower		1.0
??TIINLEUPH3000?	H3 Dummy	Tibia Index Left Upper		1.0
??TIINRILOH3000?	H3 Dummy	Tibia Index Right Lower		1.0
??TIINRIUPH3000?	H3 Dummy	Tibia Index Right Upper		1.0

Possible Channels

HF Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000HFACR?	HF Dummy	Head Acceleration Resultant	1.0
??HEAD0000HFACX?	HF Dummy	Head Acceleration X	1.0
??HEAD0000HFACY?	HF Dummy	Head Acceleration Y	1.0
??HEAD0000HFACZ?	HF Dummy	Head Acceleration Z	1.0
??NECKLO000HFFOX?	HF Dummy	Neck Lower Force X	1.0
??NECKLO000HFFOY?	HF Dummy	Neck Lower Force Y	1.0
??NECKLO000HFFOZ?	HF Dummy	Neck Lower Force Z	1.0
??NECKLO000HFLEX?	HF Dummy	Neck Lower Lever Arm X	1.0
??NECKLO000HFLEZ?	HF Dummy	Neck Lower Lever Arm Z	1.0
??NECKLO000HFMOX?	HF Dummy	Neck Lower Moment X	1.0
??NECKLO000HFMOY?	HF Dummy	Neck Lower Moment Y	1.0
??NECKLO000HFMOZ?	HF Dummy	Neck Lower Moment Z	1.0
??NECKLOTO0HFMOX?	HF Dummy	Neck Lower Total Moment X	1.0
??NECKLOTO0HFMOY?	HF Dummy	Neck Lower Total Moment Y	1.0
??NECKLOTO0HFMOZ?	HF Dummy	Neck Lower Total Moment Z	1.0
??NECKUP000HFFOX?	HF Dummy	Neck Upper Force X	1.0
??NECKUP000HFFOY?	HF Dummy	Neck Upper Force Y	1.0
??NECKUP000HFFOZ?	HF Dummy	Neck Upper Force Z	1.0
??NECKUP000HFLE0?	HF Dummy	Neck Upper Lever Arm	1.0
??NECKUP000HFMOX?	HF Dummy	Neck Upper Moment X	1.0
??NECKUP000HFMOY?	HF Dummy	Neck Upper Moment Y	1.0
??NECKUP000HFMOZ?	HF Dummy	Neck Upper Moment Z	1.0
??NECKUPCEHF000?	HF Dummy	Neck Upper Compression Extension	1.0
??NECKUPCFHF000?	HF Dummy	Neck Upper Compression Flexion	1.0
??NECKUPDNHFFOX?	HF Dummy	Neck Upper Duration of Loading Negative X	1.0
??NECKUPDNHFFOZ?	HF Dummy	Neck Upper Duration of Loading Negative Z	1.0
??NECKUPDPHFFOX?	HF Dummy	Neck Upper Duration of Loading Positive X	1.0
??NECKUPDPHFFOZ?	HF Dummy	Neck Upper Duration of Loading Positive Z	1.0
??NECKUPTEHF000?	HF Dummy	Neck Upper Tension Extension	1.0
??NECKUPTFHF000?	HF Dummy	Neck Upper Tension Flexion	1.0
??NECKUPTO0HFMOX?	HF Dummy	Neck Upper Total Moment X	1.0
??NECKUPTO0HFMOY?	HF Dummy	Neck Upper Total Moment Y	1.0
??UPARLE000HFFOX?	HF Dummy	Upper Arm Left Force X	1.1
??UPARLE000HFFOY?	HF Dummy	Upper Arm Left Force Y	1.1
??UPARLE000HFFOZ?	HF Dummy	Upper Arm Left Force Z	1.1
??UPARLE000HFMOX?	HF Dummy	Upper Arm Left Moment X	1.1
??UPARLE000HFMOY?	HF Dummy	Upper Arm Left Moment Y	1.1
??UPARLE000HFMOZ?	HF Dummy	Upper Arm Left Moment Z	1.1
??UPARLELOHFACR?	HF Dummy	Upper Arm Left Lower Acceleration Resultant	1.1
??UPARLELOHFACX?	HF Dummy	Upper Arm Left Lower Acceleration X	1.1
??UPARLELOHFACY?	HF Dummy	Upper Arm Left Lower Acceleration Y	1.1
??UPARLELOHFACZ?	HF Dummy	Upper Arm Left Lower Acceleration Z	1.1
??UPARRI000HFFOX?	HF Dummy	Upper Arm Right Force X	1.1
??UPARRI000HFFOY?	HF Dummy	Upper Arm Right Force Y	1.1
??UPARRI000HFFOZ?	HF Dummy	Upper Arm Right Force Z	1.1
??UPARRI000HFMOX?	HF Dummy	Upper Arm Right Moment X	1.1
??UPARRI000HFMOY?	HF Dummy	Upper Arm Right Moment Y	1.1
??UPARRI000HFMOZ?	HF Dummy	Upper Arm Right Moment Z	1.1
??UPARRILOHFACR?	HF Dummy	Upper Arm Right Lower Acceleration Resultant	1.1

Possible Channels

HF Dummy

Code	Description	Remarks	Valid since Version
??UPARRILOHFACX?	HF Dummy	Upper Arm Right Lower Acceleration X	1.1
??UPARRILOHFACY?	HF Dummy	Upper Arm Right Lower Acceleration Y	1.1
??UPARRILOHFACZ?	HF Dummy	Upper Arm Right Lower Acceleration Z	1.1
??ELBJLE00HFANZ?	HF Dummy	Elbow Joint Left Angle Z	1.0
??ELBJLE00HFMOX?	HF Dummy	Elbow Joint Left Moment X	1.0
??ELBJLE00HFMOY?	HF Dummy	Elbow Joint Left Moment Y	1.0
??ELBJRI00HFANZ?	HF Dummy	Elbow Joint Right Angle Z	1.0
??ELBJRI00HFMOX?	HF Dummy	Elbow Joint Right Moment X	1.0
??ELBJRI00HFMOY?	HF Dummy	Elbow Joint Right Moment Y	1.0
??FOARLE00HFFOX?	HF Dummy	Forearm Left Force X	1.1
??FOARLE00HFFOY?	HF Dummy	Forearm Left Force Y	1.1
??FOARLE00HFFOZ?	HF Dummy	Forearm Left Force Z	1.1
??FOARLE00HFMOX?	HF Dummy	Forearm Left Moment X	1.1
??FOARLE00HFMOY?	HF Dummy	Forearm Left Moment Y	1.1
??FOARLE00HFMOZ?	HF Dummy	Forearm Left Moment Z	1.1
??FOARLELOHFACR?	HF Dummy	Forearm Left Lower Acceleration Resultant	1.1
??FOARLELOHFACX?	HF Dummy	Forearm Left Lower Acceleration X	1.1
??FOARLELOHFACY?	HF Dummy	Forearm Left Lower Acceleration Y	1.1
??FOARLELOHFACZ?	HF Dummy	Forearm Left Lower Acceleration Z	1.1
??FOARRI00HFFOX?	HF Dummy	Forearm Right Force X	1.1
??FOARRI00HFFOY?	HF Dummy	Forearm Right Force Y	1.1
??FOARRI00HFFOZ?	HF Dummy	Forearm Right Force Z	1.1
??FOARRI00HFMOX?	HF Dummy	Forearm Right Moment X	1.1
??FOARRI00HFMOY?	HF Dummy	Forearm Right Moment Y	1.1
??FOARRI00HFMOZ?	HF Dummy	Forearm Right Moment Z	1.1
??FOARRILOHFACR?	HF Dummy	Forearm Right Lower Acceleration Resultant	1.1
??FOARRILOHFACX?	HF Dummy	Forearm Right Lower Acceleration X	1.1
??FOARRILOHFACY?	HF Dummy	Forearm Right Lower Acceleration Y	1.1
??FOARRILOHFACZ?	HF Dummy	Forearm Right Lower Acceleration Z	1.1
??RIBSLE01HFFOX?	HF Dummy	Rib Left 01 Force X	1.5
??RIBSLE02HFFOX?	HF Dummy	Rib Left 02 Force X	1.5
??RIBSLE03HFFOX?	HF Dummy	Rib Left 03 Force X	1.5
??RIBSLE04HFFOX?	HF Dummy	Rib Left 04 Force X	1.5
??RIBSLE05HFFOX?	HF Dummy	Rib Left 05 Force X	1.5
??RIBSLE06HFFOX?	HF Dummy	Rib Left 06 Force X	1.5
??RIBSRI01HFFOX?	HF Dummy	Rib Right 01 Force X	1.5
??RIBSRI02HFFOX?	HF Dummy	Rib Right 02 Force X	1.5
??RIBSRI03HFFOX?	HF Dummy	Rib Right 03 Force X	1.5
??RIBSRI04HFFOX?	HF Dummy	Rib Right 04 Force X	1.5
??RIBSRI05HFFOX?	HF Dummy	Rib Right 05 Force X	1.5
??RIBSRI06HFFOX?	HF Dummy	Rib Right 06 Force X	1.5
??SPIN0100HFFOX?	HF Dummy	Spine Upper (T1) Force X	1.0
??SPIN0100HFFOY?	HF Dummy	Spine Upper (T1) Force Y	1.0
??SPIN0100HFFOZ?	HF Dummy	Spine Upper (T1) Force Z	1.0
??SPIN0100HFMOX?	HF Dummy	Spine Upper (T1) Moment X	1.0
??SPIN0100HFMOY?	HF Dummy	Spine Upper (T1) Moment Y	1.0
??SPIN0100HFMOZ?	HF Dummy	Spine Upper (T1) Moment Z	1.0
??THSP0000HFANX?	HF Dummy	Thoracic Spine Angle X	1.0
??THSP0000HFANY?	HF Dummy	Thoracic Spine Angle Y	1.0
??THSP0000HFFOX?	HF Dummy	Thoracic Spine Force X	1.0

Possible Channels

HF Dummy

Code	Description	Remarks	Valid since Version
??THSP0000HFFOY?	HF Dummy	Thoracic Spine Force Y	1.0
??THSP0000HFFOZ?	HF Dummy	Thoracic Spine Force Z	1.0
??THSP0000HFMOX?	HF Dummy	Thoracic Spine Moment X	1.0
??THSP0000HFMOY?	HF Dummy	Thoracic Spine Moment Y	1.0
??THSPLO00HFACX?	HF Dummy	Thoracic Spine Lower Acceleration X	1.0
??THSPMI00HFACX?	HF Dummy	Thoracic Spine Middle Acceleration X	1.0
??THSPUP00HFACX?	HF Dummy	Thoracic Spine Upper Acceleration X	1.0
??CHST0000HFACR?	HF Dummy	Chest Acceleration Resultant	1.0
??CHST0000HFACX?	HF Dummy	Chest Acceleration X	1.0
??CHST0000HFACY?	HF Dummy	Chest Acceleration Y	1.0
??CHST0000HFACZ?	HF Dummy	Chest Acceleration Z	1.0
??CHST0000HFDSX?	HF Dummy	Chest Displacement X	Filter Class related to ECE and FMVSS 1.0
??CHST0000HFVEX?	HF Dummy	Chest Velocity X	1.0
??STRNLO00HFACX?	HF Dummy	Sternum Lower Acceleration X	1.0
??STRNMI00HFACX?	HF Dummy	Sternum Middle Acceleration X	1.0
??STRNUP00HFACX?	HF Dummy	Sternum Upper Acceleration X	1.0
??LUSP0000HFFOX?	HF Dummy	Lumbar Spine Force X	1.0
??LUSP0000HFFOY?	HF Dummy	Lumbar Spine Force Y	1.0
??LUSP0000HFFOZ?	HF Dummy	Lumbar Spine Force Z	1.0
??LUSP0000HFMOX?	HF Dummy	Lumbar Spine Moment X	1.0
??LUSP0000HFMOY?	HF Dummy	Lumbar Spine Moment Y	1.0
??PELV0000HFACR?	HF Dummy	Pelvis Acceleration Resultant	1.0
??PELV0000HFACX?	HF Dummy	Pelvis Acceleration X	1.0
??PELV0000HFACY?	HF Dummy	Pelvis Acceleration Y	1.0
??PELV0000HFACZ?	HF Dummy	Pelvis Acceleration Z	1.0
??PELV0000HFANX?	HF Dummy	Pelvis Angle X	1.0
??PELV0000HFANY?	HF Dummy	Pelvis Angle Y	1.0
??ACTBLE00HFFOX?	HF Dummy	Acetabulum Left Force X	1.0
??ACTBLE00HFFOY?	HF Dummy	Acetabulum Left Force Y	1.0
??ACTBLE00HFFOZ?	HF Dummy	Acetabulum Left Force Z	1.0
??ACTBRI00HFFOX?	HF Dummy	Acetabulum Right Force X	1.0
??ACTBRI00HFFOY?	HF Dummy	Acetabulum Right Force Y	1.0
??ACTBRI00HFFOZ?	HF Dummy	Acetabulum Right Force Z	1.0
??ILACLE00HFFOX?	HF Dummy	Iliac Spine Left Force X	1.0
??ILACLE00HFMOY?	HF Dummy	Iliac Spine Left Moment Y	1.0
??ILACRI00HFFOX?	HF Dummy	Iliac Spine Right Force X	1.0
??ILACRI00HFMOY?	HF Dummy	Iliac Spine Right Moment Y	1.0
??FEMRLE00HFFOZ?	HF Dummy	Femur Left Force Z	1.0
??FEMRLEDUHFFOZ?	HF Dummy	Femur Left Duration Force Z	1.0
??FEMRLEUPHFACR?	HF Dummy	Femur Left Upper Acceleration Resultant	1.0
??FEMRLEUPHFACX?	HF Dummy	Femur Left Upper Acceleration X	1.0
??FEMRLEUPHFACY?	HF Dummy	Femur Left Upper Acceleration Y	1.0
??FEMRLEUPHFACZ?	HF Dummy	Femur Left Upper Acceleration Z	1.0
??FEMRLEUPHFFOX?	HF Dummy	Femur Left Upper Force X	1.0
??FEMRLEUPHFFOY?	HF Dummy	Femur Left Upper Force Y	1.0
??FEMRLEUPHFFOZ?	HF Dummy	Femur Left Upper Force Z	1.0
??FEMRLEUPHFMOX?	HF Dummy	Femur Left Upper Moment X	1.0
??FEMRLEUPHFMOY?	HF Dummy	Femur Left Upper Moment Y	1.0
??FEMRLEUPHFMOZ?	HF Dummy	Femur Left Upper Moment Z	1.0

Possible Channels

HF Dummy

Code	Description	Remarks	Valid since Version
??FEMRRI00HFFOZ?	HF Dummy	Femur Right Force Z	1.0
??FEMRRIDUHFFOZ?	HF Dummy	Femur Right Duration Force Z	1.0
??FEMRRIUPHFACR?	HF Dummy	Femur Right Upper Acceleration Resultant	1.0
??FEMRRIUPHFACX?	HF Dummy	Femur Right Upper Acceleration X	1.0
??FEMRRIUPHFACY?	HF Dummy	Femur Right Upper Acceleration Y	1.0
??FEMRRIUPHFACZ?	HF Dummy	Femur Right Upper Acceleration Z	1.0
??FEMRRIUPHFFOX?	HF Dummy	Femur Right Upper Force X	1.0
??FEMRRIUPHFFOY?	HF Dummy	Femur Right Upper Force Y	1.0
??FEMRRIUPHFFOZ?	HF Dummy	Femur Right Upper Force Z	1.0
??FEMRRIUPHFMOX?	HF Dummy	Femur Right Upper Moment X	1.0
??FEMRRIUPHFMOY?	HF Dummy	Femur Right Upper Moment Y	1.0
??FEMRRIUPHFMOZ?	HF Dummy	Femur Right Upper Moment Z	1.0
??CLEVLEINHFFOZ?	HF Dummy	Knee Clevis Left Inner Force Z	1.0
??CLEVLEOUHFFOZ?	HF Dummy	Knee Clevis Left Outer Force Z	1.2
??CLEVRIINHFFOZ?	HF Dummy	Knee Clevis Right Inner Force Z	1.0
??CLEVRIOUHFFOZ?	HF Dummy	Knee Clevis Right Outer Force Z	1.0
??KNSLLE00HFDSX?	HF Dummy	Knee Slider Left Displacement X	1.0
??KNSLRIO0HFDSX?	HF Dummy	Knee Slider Right Displacement X	1.0
??TIRALLFZHF00Z?	HF Dummy	Tibia Ratio Force Left Lower	1.5
??TIRALLMRHF00R?	HF Dummy	Tibia Ratio Moment Left Lower	1.5
??TIRALUFZHF00Z?	HF Dummy	Tibia Ratio Force Left Upper	1.5
??TIRALUMRH00R?	HF Dummy	Tibia Ratio Moment Left Upper	1.5
??TIRARLFZHF00Z?	HF Dummy	Tibia Ratio Right Lower Force	1.5
??TIRARLMRH00R?	HF Dummy	Tibia Ratio Right Lower Moment	1.5
??TIRARUFZHF00Z?	HF Dummy	Tibia Ratio Right Upper Force	1.5
??TIRARUMRH00R?	HF Dummy	Tibia Ratio Right Upper Moment	1.5
??TIBILELOHFFOX?	HF Dummy	Tibia Left Lower Force X	1.0
??TIBILELOHFFOY?	HF Dummy	Tibia Left Lower Force Y	1.0
??TIBILELOHFFOZ?	HF Dummy	Tibia Left Lower Force Z	1.0
??TIBILELOHFMOX?	HF Dummy	Tibia Left Lower Moment X	1.0
??TIBILELOHFMOY?	HF Dummy	Tibia Left Lower Moment Y	1.0
??TIBILEUPHFFOX?	HF Dummy	Tibia Left Upper Force X	1.0
??TIBILEUPHFFOZ?	HF Dummy	Tibia Left Upper Force Z	1.0
??TIBILEUPHFMOX?	HF Dummy	Tibia Left Upper Moment X	1.0
??TIBILEUPHFMOY?	HF Dummy	Tibia Left Upper Moment Y	1.0
??TIBIRILOHFFOX?	HF Dummy	Tibia Right Lower Force X	1.0
??TIBIRILOHFFOY?	HF Dummy	Tibia Right Lower Force Y	1.0
??TIBIRILOHFFOZ?	HF Dummy	Tibia Right Lower Force Z	1.0
??TIBIRILOHFMOX?	HF Dummy	Tibia Right Lower Moment X	1.0
??TIBIRILOHFMOY?	HF Dummy	Tibia Right Lower Moment Y	1.0
??TIBIRIUPHFFOX?	HF Dummy	Tibia Right Upper Force X	1.0
??TIBIRIUPHFFOZ?	HF Dummy	Tibia Right Upper Force Z	1.0
??TIBIRIUPHFMOX?	HF Dummy	Tibia Right Upper Moment X	1.0
??TIBIRIUPHFMOY?	HF Dummy	Tibia Right Upper Moment Y	1.0
??FOOTLE00HFACR?	HF Dummy	Foot Left Acceleration Resultant	1.0
??FOOTLE00HFACX?	HF Dummy	Foot Left Acceleration X	1.0
??FOOTLE00HFACY?	HF Dummy	Foot Left Acceleration Y	1.0
??FOOTLE00HFACZ?	HF Dummy	Foot Left Acceleration Z	1.0
??FOOTLE00HFFOX?	HF Dummy	Foot Ankle Left Force X	1.0
??FOOTLE00HFFOY?	HF Dummy	Foot Ankle Left Force Y	1.0

Possible Channels

HF Dummy

Code	Description	Remarks	Valid since Version
??FOOTLE00HFFOZ?	HF Dummy	Foot Ankle Left Force Z	1.0
??FOOTLE00HFMOX?	HF Dummy	Foot Ankle Left Moment X	1.0
??FOOTLE00HFMOY?	HF Dummy	Foot Ankle Left Moment Y	1.0
??FOOTRI00HFACR?	HF Dummy	Foot Right Acceleration Resultant	1.0
??FOOTRI00HFACX?	HF Dummy	Foot Right Acceleration X	1.0
??FOOTRI00HFACY?	HF Dummy	Foot Right Acceleration Y	1.0
??FOOTRI00HFACZ?	HF Dummy	Foot Right Acceleration Z	1.0
??FOOTRI00HFFOX?	HF Dummy	Foot Ankle Right Force X	1.0
??FOOTRI00HFFOY?	HF Dummy	Foot Ankle Right Force Y	1.0
??FOOTRI00HFFOZ?	HF Dummy	Foot Ankle Right Force Z	1.0
??FOOTRI00HFMOX?	HF Dummy	Foot Ankle Right Moment X	1.0
??FOOTRI00HFMOY?	HF Dummy	Foot Ankle Right Moment Y	1.0
??HEELLE00HFACZ?	HF Dummy	Heel Left Acceleration Z	1.0
??HEELRI00HFACZ?	HF Dummy	Heel Right Acceleration Z	1.0
??TOESLE00HFACZ?	HF Dummy	Toe Left Acceleration Z	1.0
??TOESLE00HFFOZ?	HF Dummy	Toe Left Force Z	1.0
??TOESRI00HFACZ?	HF Dummy	Toe Right Acceleration Z	1.0
??TOESRI00HFFOZ?	HF Dummy	Toe Right Force Z	1.0
??SUMALELOHFFOX?	HF Dummy	Submarining Left Lower Force X	1.0
??SUMALEUPHFFOX?	HF Dummy	Submarining Left Upper Force X	1.0
??SUMARILOHFFOX?	HF Dummy	Submarining Right Lower Force X	1.0
??SUMARIUPHFFOX?	HF Dummy	Submarining Right Upper Force X	1.0
??VCCR0000HFVE0?	HF Dummy	Chest Viscous Criterion	1.2
??TIINLELOHF000?	HF Dummy	Tibia Index Left Lower	1.0
??TIINLEUPHF000?	HF Dummy	Tibia Index Left Upper	1.0
??TIINRILOHF000?	HF Dummy	Tibia Index Right Lower	1.0
??TIINRIUPHF000?	HF Dummy	Tibia Index Right Upper	1.0

Possible Channels

HM Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000HMACR?	HM Dummy	Head Acceleration Resultant	1.0
??HEAD0000HMACX?	HM Dummy	Head Acceleration X	1.0
??HEAD0000HMACY?	HM Dummy	Head Acceleration Y	1.0
??HEAD0000HMACZ?	HM Dummy	Head Acceleration Z	1.0
??NECKLO000HMFOX?	HM Dummy	Neck Lower Force X	1.0
??NECKLO000HMFOY?	HM Dummy	Neck Lower Force Y	1.0
??NECKLO000HMFOZ?	HM Dummy	Neck Lower Force Z	1.0
??NECKLO000HMLEX?	HM Dummy	Neck Lower Lever Arm X	1.0
??NECKLO000HMLEZ?	HM Dummy	Neck Lower Lever Arm Z	1.0
??NECKLO000HMMOX?	HM Dummy	Neck Lower Moment X	1.0
??NECKLO000HMMOY?	HM Dummy	Neck Lower Moment Y	1.0
??NECKLO000HMMOZ?	HM Dummy	Neck Lower Moment Z	1.0
??NECKLOTOHMMOX?	HM Dummy	Neck Lower Total Moment X	1.0
??NECKLOTOHMMOY?	HM Dummy	Neck Lower Total Moment Y	1.0
??NECKLOTOHMMOZ?	HM Dummy	Neck Lower Total Moment Z	1.0
??NECKUP000HMFOX?	HM Dummy	Neck Upper Force X	1.0
??NECKUP000HMFOY?	HM Dummy	Neck Upper Force Y	1.0
??NECKUP000HMFOZ?	HM Dummy	Neck Upper Force Z	1.0
??NECKUP000HMLE0?	HM Dummy	Neck Upper Lever Arm	1.0
??NECKUP000HMMOX?	HM Dummy	Neck Upper Moment X	1.0
??NECKUP000HMMOY?	HM Dummy	Neck Upper Moment Y	1.0
??NECKUP000HMMOZ?	HM Dummy	Neck Upper Moment Z	1.0
??NECKUPCEHM000?	HM Dummy	Neck Upper Compression Extension	1.0
??NECKUPCFHM000?	HM Dummy	Neck Upper Compression Flexion	1.0
??NECKUPDNHMFOX?	HM Dummy	Neck Upper Duration of Loading Negative X	1.0
??NECKUPDNHMFOZ?	HM Dummy	Neck Upper Duration of Loading Negative Z	1.0
??NECKUPDPHMFOX?	HM Dummy	Neck Upper Duration of Loading Positive X	1.0
??NECKUPDPHMFOZ?	HM Dummy	Neck Upper Duration of Loading Positive Z	1.0
??NECKUPTEHM000?	HM Dummy	Neck Upper Tension Extension	1.0
??NECKUPTTFHM000?	HM Dummy	Neck Upper Tension Flexion	1.0
??NECKUPTOHMMOX?	HM Dummy	Neck Upper Total Moment X	1.0
??NECKUPTOHMMOY?	HM Dummy	Neck Upper Total Moment Y	1.0
??THSP0000HMANZ?	HM Dummy	Thoracic Spine Angle Z	1.0
??THSP0000HMFOX?	HM Dummy	Thoracic Spine Force X	1.0
??THSP0000HMFOY?	HM Dummy	Thoracic Spine Force Y	1.0
??THSP0000HMFOZ?	HM Dummy	Thoracic Spine Force Z	1.0
??THSP0000HMMOX?	HM Dummy	Thoracic Spine Moment X	1.0
??THSP0000HMMOY?	HM Dummy	Thoracic Spine Moment Y	1.0
??CHST0000HMACR?	HM Dummy	Chest Acceleration Resultant	1.0
??CHST0000HMACX?	HM Dummy	Chest Acceleration X	1.0
??CHST0000HMACY?	HM Dummy	Chest Acceleration Y	1.0
??CHST0000HMACZ?	HM Dummy	Chest Acceleration Z	1.0
??CHST0000HMDSX?	HM Dummy	Chest Displacement X	Filter Class related to ECE and FMVSS 1.0
??CHST0000HMVEX?	HM Dummy	Chest Velocity X	1.0
??LUSP0000HMFOX?	HM Dummy	Lumbar Spine Force X	1.0
??LUSP0000HMFOZ?	HM Dummy	Lumbar Spine Force Z	1.0
??LUSP0000HMMOY?	HM Dummy	Lumbar Spine Moment Y	1.0
??PELV0000HMACR?	HM Dummy	Pelvis Acceleration Resultant	1.0
??PELV0000HMACX?	HM Dummy	Pelvis Acceleration X	1.0

Possible Channels

HM Dummy

Code	Description	Remarks	Valid since Version
??PELV0000HMACY?	HM Dummy	Pelvis Acceleration Y	1.0
??PELV0000HMACZ?	HM Dummy	Pelvis Acceleration Z	1.0
??PELV0000HMANX?	HM Dummy	Pelvis Angle X	1.0
??PELV0000HMANX?	HM Dummy	Pelvis Angle Y	1.0
??FEMRLE00HMFOZ?	HM Dummy	Femur Left Force Z	1.0
??FEMRLEDUHMFOZ?	HM Dummy	Femur Left Duration Force Z	1.0
??FEMRLEUPHMACR?	HM Dummy	Femur Left Upper Acceleration Resultant	1.0
??FEMRLEUPHMACX?	HM Dummy	Femur Left Upper Acceleration X	1.0
??FEMRLEUPHMACY?	HM Dummy	Femur Left Upper Acceleration Y	1.0
??FEMRLEUPHMACZ?	HM Dummy	Femur Left Upper Acceleration Z	1.0
??FEMRLEUPHMFOX?	HM Dummy	Femur Left Upper Force X	1.0
??FEMRLEUPHMFOY?	HM Dummy	Femur Left Upper Force Y	1.0
??FEMRLEUPHMFOZ?	HM Dummy	Femur Left Upper Force Z	1.0
??FEMRLEUPHMMOX?	HM Dummy	Femur Left Upper Moment X	1.0
??FEMRLEUPHMMOY?	HM Dummy	Femur Left Upper Moment Y	1.0
??FEMRLEUPHMMOZ?	HM Dummy	Femur Left Upper Moment Z	1.0
??FEMRRI00HMFOZ?	HM Dummy	Femur Right Force Z	1.0
??FEMRRIDUHMFOZ?	HM Dummy	Femur Right Duration Force Z	1.0
??FEMRRIUPHMACR?	HM Dummy	Femur Right Upper Acceleration Resultant	1.0
??FEMRRIUPHMACX?	HM Dummy	Femur Right Upper Acceleration X	1.0
??FEMRRIUPHMACY?	HM Dummy	Femur Right Upper Acceleration Y	1.0
??FEMRRIUPHMACZ?	HM Dummy	Femur Right Upper Acceleration Z	1.0
??FEMRRIUPHMFOX?	HM Dummy	Femur Right Upper Force X	1.0
??FEMRRIUPHMFOY?	HM Dummy	Femur Right Upper Force Y	1.0
??FEMRRIUPHMFOZ?	HM Dummy	Femur Right Upper Force Z	1.0
??FEMRRIUPHMMOX?	HM Dummy	Femur Right Upper Moment X	1.0
??FEMRRIUPHMMOY?	HM Dummy	Femur Right Upper Moment Y	1.0
??FEMRRIUPHMMOZ?	HM Dummy	Femur Right Upper Moment Z	1.0
??CLEVLEINHMFOZ?	HM Dummy	Knee Clevis Left Inner Force Z	1.0
??CLEVLEOUHMFOZ?	HM Dummy	Knee Clevis Left Outer Force Z	1.0
??CLEVRIINHMFOZ?	HM Dummy	Knee Clevis Right Inner Force Z	1.0
??CLEVRIOUHMFOZ?	HM Dummy	Knee Clevis Right Outer Force Z	1.0
??KNSLLE00HMDSX?	HM Dummy	Knee Slider Left Displacement X	1.0
??KNSLRI00HMDSX?	HM Dummy	Knee Slider Right Displacement X	1.0
??TIRALLFZHM00Z?	HM Dummy	Tibia Ratio Left Lower Force	1.5
??TIRALLFZHM00Z?	HM Dummy	Tibia Ratio Right Lower Force	1.5
??TIRALLMRHM00R?	HM Dummy	Tibia Ratio Left Lower Moment	1.5
??TIRALUFZHM00Z?	HM Dummy	Tibia Ratio Right Upper Force	1.5
??TIRALUFZHM00Z?	HM Dummy	Tibia Ratio Left Upper Force	1.5
??TIRALUMRHM00R?	HM Dummy	Tibia Ratio Left Upper Moment	1.5
??TIRARLMRHM00R?	HM Dummy	Tibia Ratio Right Lower Moment	1.5
??TIRARUMRHM00R?	HM Dummy	Tibia Ratio Right Upper Moment	1.5
??TIBILELOHMFOX?	HM Dummy	Tibia Left Lower Force X	1.0
??TIBILELOHMFOY?	HM Dummy	Tibia Left Lower Force Y	1.0
??TIBILELOHMFOZ?	HM Dummy	Tibia Left Lower Force Z	1.0
??TIBILELOHMMOX?	HM Dummy	Tibia Left Lower Moment X	1.0
??TIBILELOHMMOY?	HM Dummy	Tibia Left Lower Moment Y	1.0
??TIBILEUPHMFOX?	HM Dummy	Tibia Left Upper Force X	1.0
??TIBILEUPHMFOZ?	HM Dummy	Tibia Left Upper Force Z	1.0
??TIBILEUPHMMOX?	HM Dummy	Tibia Left Upper Moment X	1.0

Possible Channels

HM Dummy

Code	Description	Remarks	Valid since Version
??TIBILEUPHMMOY?	HM Dummy	Tibia Left Upper Moment Y	1.0
??TIBIRILOHMFOX?	HM Dummy	Tibia Right Lower Force X	1.0
??TIBIRILOHMFOY?	HM Dummy	Tibia Right Lower Force Y	1.0
??TIBIRILOHMFOZ?	HM Dummy	Tibia Right Lower Force Z	1.0
??TIBIRILOHMFOX?	HM Dummy	Tibia Right Lower Moment X	1.0
??TIBIRILOHMFOY?	HM Dummy	Tibia Right Lower Moment Y	1.0
??TIBIRIUPHMMFOX?	HM Dummy	Tibia Right Upper Force X	1.0
??TIBIRIUPHMMFOZ?	HM Dummy	Tibia Right Upper Force Z	1.0
??TIBIRIUPHMMFOX?	HM Dummy	Tibia Right Upper Moment X	1.0
??TIBIRIUPHMMFOY?	HM Dummy	Tibia Right Upper Moment Y	1.0
??FOOTLE00HMACR?	HM Dummy	Foot Left Acceleration Resultant	1.0
??FOOTLE00HMACX?	HM Dummy	Foot Left Acceleration X	1.0
??FOOTLE00HMACY?	HM Dummy	Foot Left Acceleration Y	1.0
??FOOTLE00HMACZ?	HM Dummy	Foot Left Acceleration Z	1.0
??FOOTLE00HMFOX?	HM Dummy	Foot Ankle Left Force X	1.0
??FOOTLE00HMFOY?	HM Dummy	Foot Ankle Left Force Y	1.0
??FOOTLE00HMFOZ?	HM Dummy	Foot Ankle Left Force Z	1.0
??FOOTLE00HMMOX?	HM Dummy	Foot Ankle Left Moment X	1.0
??FOOTLE00HMMOY?	HM Dummy	Foot Ankle Left Moment Y	1.0
??FOOTRI00HMACR?	HM Dummy	Foot Right Acceleration Resultant	1.0
??FOOTRI00HMACX?	HM Dummy	Foot Right Acceleration X	1.0
??FOOTRI00HMACY?	HM Dummy	Foot Right Acceleration Y	1.0
??FOOTRI00HMACZ?	HM Dummy	Foot Right Acceleration Z	1.0
??FOOTRI00HMFOX?	HM Dummy	Foot Ankle Right Force X	1.0
??FOOTRI00HMFOY?	HM Dummy	Foot Ankle Right Force Y	1.0
??FOOTRI00HMFOZ?	HM Dummy	Foot Ankle Right Force Z	1.0
??FOOTRI00HMMOX?	HM Dummy	Foot Ankle Right Moment X	1.0
??FOOTRI00HMMOY?	HM Dummy	Foot Ankle Right Moment Y	1.0
??HEELLE00HMACZ?	HM Dummy	Heel Left Acceleration Z	1.0
??HEELRI00HMACZ?	HM Dummy	Heel Right Acceleration Z	1.0
??TOESLE00HMACZ?	HM Dummy	Toe Left Acceleration Z	1.0
??TOESLE00HMFOZ?	HM Dummy	Toe Left Force Z	1.0
??TOESRI00HMACZ?	HM Dummy	Toe Right Acceleration Z	1.0
??TOESRI00HMFOZ?	HM Dummy	Toe Right Force Z	1.0
??VCCR0000HMVE0?	HM Dummy	Chest Viscous Criterion	1.2
??TIINLELOHM000?	HM Dummy	Tibia Index Left Lower	1.0
??TIINLEUPHM000?	HM Dummy	Tibia Index Left Upper	1.0
??TIINRILOHM000?	HM Dummy	Tibia Index Right Lower	1.0
??TIINRIUPHM000?	HM Dummy	Tibia Index Right Upper	1.0

Possible Channels

P2 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000P2ACR?	P2 Dummy Head Acceleration Resultant		1.0
??HEAD0000P2ACX?	P2 Dummy Head Acceleration X		1.0
??HEAD0000P2ACY?	P2 Dummy Head Acceleration Y		1.0
??HEAD0000P2ACZ?	P2 Dummy Head Acceleration Z		1.0
??NECKLO00P2FOX?	P2 Dummy Neck Lower Force X		1.0
??NECKLO00P2FOY?	P2 Dummy Neck Lower Force Y		1.0
??NECKLO00P2FOZ?	P2 Dummy Neck Lower Force Z		1.0
??NECKLO00P2MOX?	P2 Dummy Neck Lower Moment X		1.0
??NECKLO00P2MOY?	P2 Dummy Neck Lower Moment Y		1.0
??NECKLO00P2MOZ?	P2 Dummy Neck Lower Moment Z		1.0
??NECKUP00P2FOX?	P2 Dummy Neck Upper Force X		1.0
??NECKUP00P2FOY?	P2 Dummy Neck Upper Force Y		1.0
??NECKUP00P2FOZ?	P2 Dummy Neck Upper Force Z		1.0
??NECKUP00P2MOX?	P2 Dummy Neck Upper Moment X		1.0
??NECKUP00P2MOY?	P2 Dummy Neck Upper Moment Y		1.0
??NECKUP00P2MOZ?	P2 Dummy Neck Upper Moment Z		1.0
??CHST0000P2ACR?	P2 Dummy Chest Acceleration Resultant		1.0
??CHST0000P2ACX?	P2 Dummy Chest Acceleration X		1.0
??CHST0000P2ACY?	P2 Dummy Chest Acceleration Y		1.0
??CHST0000P2ACZ?	P2 Dummy Chest Acceleration Z		1.0
??LUSP0000P2FOX?	P2 Dummy Lumbar Spine Force X		1.0
??LUSP0000P2FOY?	P2 Dummy Lumbar Spine Force Y		1.0
??LUSP0000P2FOZ?	P2 Dummy Lumbar Spine Force Z		1.0
??LUSP0000P2MOX?	P2 Dummy Lumbar Spine Moment X		1.0
??LUSP0000P2MOY?	P2 Dummy Lumbar Spine Moment Y		1.0
??LUSP0000P2MOZ?	P2 Dummy Lumbar Spine Moment Z		1.0
??PELV0000P2ACR?	P2 Dummy Pelvis Acceleration Resultant		1.0
??PELV0000P2ACX?	P2 Dummy Pelvis Acceleration X		1.0
??PELV0000P2ACY?	P2 Dummy Pelvis Acceleration Y		1.0
??PELV0000P2ACZ?	P2 Dummy Pelvis Acceleration Z		1.0

Possible Channels**P3 Dummy**

Code	Description	Remarks	Valid since Version
??HEAD0000P3ACR?	P3 Dummy Head Acceleration Resultant		1.0
??HEAD0000P3ACX?	P3 Dummy Head Acceleration X		1.0
??HEAD0000P3ACY?	P3 Dummy Head Acceleration Y		1.0
??HEAD0000P3ACZ?	P3 Dummy Head Acceleration Z		1.0
??NECKUP00P3FOX?	P3 Dummy Neck Upper Force X		1.0
??NECKUP00P3FOY?	P3 Dummy Neck Upper Force Y		1.0
??NECKUP00P3FOZ?	P3 Dummy Neck Upper Force Z		1.0
??NECKUP00P3LE0?	P3 Dummy Neck Upper Lever Arm		1.0
??NECKUP00P3MOX?	P3 Dummy Neck Upper Moment X		1.0
??NECKUP00P3MOY?	P3 Dummy Neck Upper Moment Y		1.0
??NECKUP00P3MOZ?	P3 Dummy Neck Upper Moment Z		1.0
??NECKUPTOP3MOY?	P3 Dummy Neck Upper Total Moment Y		1.0
??NECKUPTOP3MOZ?	P3 Dummy Neck Upper Total Moment Z		1.0
??CHST0000P3ACR?	P3 Dummy Chest Acceleration Resultant		1.0
??CHST0000P3ACX?	P3 Dummy Chest Acceleration X		1.0
??CHST0000P3ACY?	P3 Dummy Chest Acceleration Y		1.0
??CHST0000P3ACZ?	P3 Dummy Chest Acceleration Z		1.0

Possible Channels

S2 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000S2ACR?	S2 Dummy Head Acceleration Resultant		1.0
??HEAD0000S2ACX?	S2 Dummy Head Acceleration X		1.0
??HEAD0000S2ACY?	S2 Dummy Head Acceleration Y		1.0
??HEAD0000S2ACZ?	S2 Dummy Head Acceleration Z		1.0
??HEAD0000S2AVX?	S2 Dummy Head Angular Velocity X		1.4
??NECKLO00S2FOX?	S2 Dummy Neck Lower Force X		1.0
??NECKLO00S2FOY?	S2 Dummy Neck Lower Force Y		1.0
??NECKLO00S2FOZ?	S2 Dummy Neck Lower Force Z		1.0
??NECKLO00S2LEX?	S2 Dummy Neck Lower Lever Arm X		1.0
??NECKLO00S2LEZ?	S2 Dummy Neck Lower Lever Arm Z		1.0
??NECKLO00S2MOX?	S2 Dummy Neck Lower Moment X		1.0
??NECKLO00S2MOY?	S2 Dummy Neck Lower Moment Y		1.0
??NECKLO00S2MOZ?	S2 Dummy Neck Lower Moment Z		1.0
??NECKLOTOS2MOX?	S2 Dummy Neck Lower Total Moment X		1.0
??NECKLOTOS2MOY?	S2 Dummy Neck Lower Total Moment Y		1.0
??NECKLOTOS2MOZ?	S2 Dummy Neck Lower Total Moment Z		1.0
??NECKUP00S2FOX?	S2 Dummy Neck Upper Force X		1.0
??NECKUP00S2FOY?	S2 Dummy Neck Upper Force Y		1.0
??NECKUP00S2FOZ?	S2 Dummy Neck Upper Force Z		1.0
??NECKUP00S2LE0?	S2 Dummy Neck Upper Lever Arm		1.0
??NECKUP00S2MOX?	S2 Dummy Neck Upper Moment X		1.0
??NECKUP00S2MOY?	S2 Dummy Neck Upper Moment Y		1.0
??NECKUP00S2MOZ?	S2 Dummy Neck Upper Moment Z		1.0
??NECKUPDNS2FOX?	S2 Dummy Neck Upper Duration of Loading Negative X		1.0
??NECKUPDNS2FOZ?	S2 Dummy Neck Upper Duration of Loading negative Z		1.0
??NECKUPDPS2FOX?	S2 Dummy Neck Upper Duration of Loading Positive X		1.0
??NECKUPDPS2FOZ?	S2 Dummy Neck Upper Duration of Loading positive Z		1.0
??NECKUPTOS2MOX?	S2 Dummy Neck Upper Total Moment X		1.0
??NECKUPTOS2MOY?	S2 Dummy Neck Upper Total Moment Y		1.0
??SHLDLE00S2FOX?	S2 Dummy Shoulder Left Force X		1.0
??SHLDLE00S2FOY?	S2 Dummy Shoulder Left Force Y		1.0
??SHLDLE00S2FOZ?	S2 Dummy Shoulder Left Force Z		1.0
??SHLDRI00S2FOX?	S2 Dummy Shoulder Right Force X		1.0
??SHLDRI00S2FOY?	S2 Dummy Shoulder Right Force Y		1.0
??SHLDRI00S2FOZ?	S2 Dummy Shoulder Right Force Z		1.0
??UPARLE00S2FOX?	S2 Dummy Upper Arm Left Force X		1.1
??UPARLE00S2FOY?	S2 Dummy Upper Arm Left Force Y		1.1
??UPARLE00S2FOZ?	S2 Dummy Upper Arm Left Force Z		1.1
??UPARLE00S2MOX?	S2 Dummy Upper Arm Left Moment X		1.1
??UPARLE00S2MOY?	S2 Dummy Upper Arm Left Moment Y		1.1
??UPARLE00S2MOZ?	S2 Dummy Upper Arm Left Moment Z		1.2
??UPARLELOS2ACR?	S2 Dummy Upper Arm Left Lower Acceleration Resultant		1.1
??UPARLELOS2ACX?	S2 Dummy Upper Arm Left Lower Acceleration X		1.1
??UPARLELOS2ACY?	S2 Dummy Upper Arm Left Lower Acceleration Y		1.1
??UPARLELOS2ACZ?	S2 Dummy Upper Arm Left Lower Acceleration Z		1.1
??UPARRI00S2FOX?	S2 Dummy Upper Arm Right Force X		1.1
??UPARRI00S2FOY?	S2 Dummy Upper Arm Right Force Y		1.1
??UPARRI00S2FOZ?	S2 Dummy Upper Arm Right Force Z		1.1
??UPARRI00S2MOX?	S2 Dummy Upper Arm Right Moment X		1.1

Possible Channels

S2 Dummy

Code	Description	Remarks	Valid since Version
??UPARRI00S2MOY?	S2 Dummy	Upper Arm Right Moment Y	1.1
??UPARRI00S2MOZ?	S2 Dummy	Upper Arm Right Moment Z	1.2
??UPARRI00S2ACR?	S2 Dummy	Upper Arm Right Lower Acceleration Resultant	1.1
??UPARRI00S2ACX?	S2 Dummy	Upper Arm Right Lower Acceleration X	1.1
??UPARRI00S2ACY?	S2 Dummy	Upper Arm Right Lower Acceleration Y	1.1
??UPARRI00S2ACZ?	S2 Dummy	Upper Arm Right Lower Acceleration Z	1.1
??ELBJLE00S2ANZ?	S2 Dummy	Elbow Joint Left Angle Z	1.0
??ELBJLE00S2MOX?	S2 Dummy	Elbow Joint Left Moment X	1.0
??ELBJLE00S2MOY?	S2 Dummy	Elbow Joint Left Moment Y	1.0
??ELBJRI00S2ANZ?	S2 Dummy	Elbow Joint Right Angle Z	1.0
??ELBJRI00S2MOX?	S2 Dummy	Elbow Joint Right Moment X	1.0
??ELBJRI00S2MOY?	S2 Dummy	Elbow Joint Right Moment Y	1.0
??FOARLE00S2FOX?	S2 Dummy	Forearm Left Force X	1.1
??FOARLE00S2FOY?	S2 Dummy	Forearm Left Force Y	1.1
??FOARLE00S2FOZ?	S2 Dummy	Forearm Left Force Z	1.1
??FOARLE00S2MOX?	S2 Dummy	Forearm Left Moment X	1.1
??FOARLE00S2MOY?	S2 Dummy	Forearm Left Moment Y	1.1
??FOARLE00S2MOZ?	S2 Dummy	Forearm Left Moment Z	1.2
??FOARLE00S2ACR?	S2 Dummy	Forearm Left Lower Acceleration Resultant	1.1
??FOARLE00S2ACX?	S2 Dummy	Forearm Left Lower Acceleration X	1.1
??FOARLE00S2ACY?	S2 Dummy	Forearm Left Lower Acceleration Y	1.1
??FOARLE00S2ACZ?	S2 Dummy	Forearm Left Lower Acceleration Z	1.1
??FOARRI00S2FOX?	S2 Dummy	Forearm Right Force X	1.1
??FOARRI00S2FOY?	S2 Dummy	Forearm Right Force Y	1.1
??FOARRI00S2FOZ?	S2 Dummy	Forearm Right Force Z	1.1
??FOARRI00S2MOX?	S2 Dummy	Forearm Right Moment X	1.1
??FOARRI00S2MOY?	S2 Dummy	Forearm Right Moment Y	1.1
??FOARRI00S2MOZ?	S2 Dummy	Forearm Right Moment Z	1.2
??FOARRI00S2ACR?	S2 Dummy	Forearm Right Lower Acceleration Resultant	1.1
??FOARRI00S2ACX?	S2 Dummy	Forearm Right Lower Acceleration X	1.1
??FOARRI00S2ACY?	S2 Dummy	Forearm Right Lower Acceleration Y	1.1
??FOARRI00S2ACZ?	S2 Dummy	Forearm Right Lower Acceleration Z	1.1
??SHRI00L1S2ACR?	S2 Dummy	Shoulder Rib Redundant Left Acceleration Resultant	1.2
??SHRI00L1S2ACX?	S2 Dummy	Shoulder Rib Redundant Left Acceleration X	1.2
??SHRI00L1S2ACY?	S2 Dummy	Shoulder Rib Redundant Left Acceleration Y	1.2
??SHRI00L1S2ACZ?	S2 Dummy	Shoulder Rib Redundant Left Acceleration Z	1.2
??SHRI00LES2ACR?	S2 Dummy	Shoulder Rib Left Acceleration Resultant	1.0
??SHRI00LES2ACX?	S2 Dummy	Shoulder Rib Left Acceleration X	1.0
??SHRI00LES2ACY?	S2 Dummy	Shoulder Rib Left Acceleration Y	1.0
??SHRI00LES2ACZ?	S2 Dummy	Shoulder Rib Left Acceleration Z	1.0
??SHRI00LES2DSY?	S2 Dummy	Shoulder Rib Left Displacement Y	1.0
??SHRI00R1S2ACR?	S2 Dummy	Shoulder Rib Redundant Right Acceleration Resultant	1.2
??SHRI00R1S2ACX?	S2 Dummy	Shoulder Rib Redundant Right Acceleration X	1.2
??SHRI00R1S2ACY?	S2 Dummy	Shoulder Rib Redundant Right Acceleration Y	1.2
??SHRI00R1S2ACZ?	S2 Dummy	Shoulder Rib Redundant Right Acceleration Z	1.2
??SHRI00R1S2ACR?	S2 Dummy	Shoulder Rib Right Acceleration Resultant	1.0

Possible Channels

S2 Dummy

Code	Description	Remarks	Valid since Version
??SHRI00RIS2ACX?	S2 Dummy	Shoulder Rib Right Acceleration X	1.0
??SHRI00RIS2ACY?	S2 Dummy	Shoulder Rib Right Acceleration Y	1.0
??SHRI00RIS2ACZ?	S2 Dummy	Shoulder Rib Right Acceleration Z	1.0
??SHRI00RIS2DSY?	S2 Dummy	Shoulder Rib Right Displacement Y	1.0
??TRRI0100S2FOX?	S2 Dummy	Thoracic Rib 1 Force X	1.0
??TRRI01L1S2ACR?	S2 Dummy	Thoracic Rib 1 Redundant Left Acceleration Resultant	1.0
??TRRI01L1S2ACX?	S2 Dummy	Thoracic Rib 1 Redundant Left Acceleration X	1.0
??TRRI01L1S2ACY?	S2 Dummy	Thoracic Rib 1 Redundant Left Acceleration Y	1.0
??TRRI01L1S2ACZ?	S2 Dummy	Thoracic Rib 1 Redundant Left Acceleration Z	1.0
??TRRI01LES2ACR?	S2 Dummy	Thoracic Rib 1 Left Acceleration Resultant	1.0
??TRRI01LES2ACX?	S2 Dummy	Thoracic Rib 1 Left Acceleration X	1.0
??TRRI01LES2ACY?	S2 Dummy	Thoracic Rib 1 Left Acceleration Y	1.0
??TRRI01LES2ACZ?	S2 Dummy	Thoracic Rib 1 Left Acceleration Z	1.0
??TRRI01LES2DSY?	S2 Dummy	Thoracic Rib 1 Left Deflection Y	1.0
??TRRI01R1S2ACR?	S2 Dummy	Thoracic Rib 1 Redundant Right Acceleration Resultant	1.0
??TRRI01R1S2ACX?	S2 Dummy	Thoracic Rib 1 Redundant Right Acceleration X	1.0
??TRRI01R1S2ACY?	S2 Dummy	Thoracic Rib 1 Redundant Right Acceleration Y	1.0
??TRRI01R1S2ACZ?	S2 Dummy	Thoracic Rib 1 Redundant Right Acceleration Z	1.0
??TRRI01RIS2ACR?	S2 Dummy	Thoracic Rib 1 Right Acceleration Resultant	1.0
??TRRI01RIS2ACX?	S2 Dummy	Thoracic Rib 1 Right Acceleration X	1.0
??TRRI01RIS2ACY?	S2 Dummy	Thoracic Rib 1 Right Acceleration Y	1.0
??TRRI01RIS2ACZ?	S2 Dummy	Thoracic Rib 1 Right Acceleration Z	1.0
??TRRI01RIS2DSY?	S2 Dummy	Thoracic Rib 1 Right Deflection Y	1.0
??TRRI0200S2FOX?	S2 Dummy	Thoracic Rib 2 Force X	1.0
??TRRI02L1S2ACR?	S2 Dummy	Thoracic Rib 2 Redundant Left Acceleration Resultant	1.1
??TRRI02L1S2ACX?	S2 Dummy	Thoracic Rib 2 Redundant Left Acceleration X	1.1
??TRRI02L1S2ACY?	S2 Dummy	Thoracic Rib 2 Redundant Left Acceleration Y	1.1
??TRRI02L1S2ACZ?	S2 Dummy	Thoracic Rib 2 Redundant Left Acceleration Z	1.1
??TRRI02LES2ACR?	S2 Dummy	Thoracic Rib 2 Left Acceleration Resultant	1.0
??TRRI02LES2ACX?	S2 Dummy	Thoracic Rib 2 Left Acceleration X	1.0
??TRRI02LES2ACY?	S2 Dummy	Thoracic Rib 2 Left Acceleration Y	1.0
??TRRI02LES2ACZ?	S2 Dummy	Thoracic Rib 2 Left Acceleration Z	1.0
??TRRI02LES2DSY?	S2 Dummy	Thoracic Rib 2 Left Deflection Y	1.0
??TRRI02R1S2ACR?	S2 Dummy	Thoracic Rib 2 Redundant Right Acceleration Resultant	1.1
??TRRI02R1S2ACX?	S2 Dummy	Thoracic Rib 2 Redundant Right Acceleration X	1.1
??TRRI02R1S2ACY?	S2 Dummy	Thoracic Rib 2 Redundant Right Acceleration Y	1.1
??TRRI02R1S2ACZ?	S2 Dummy	Thoracic Rib 2 Redundant Right Acceleration Z	1.1
??TRRI02RIS2ACR?	S2 Dummy	Thoracic Rib 2 Right Acceleration Resultant	1.0
??TRRI02RIS2ACX?	S2 Dummy	Thoracic Rib 2 Right Acceleration X	1.0
??TRRI02RIS2ACY?	S2 Dummy	Thoracic Rib 2 Right Acceleration Y	1.0

Possible Channels

S2 Dummy

Code	Description	Remarks	Valid since Version
??TRRI02RIS2ACZ?	S2 Dummy	Thoracic Rib 2 Right Acceleration Z	1.0
??TRRI02RIS2DSY?	S2 Dummy	Thoracic Rib 2 Right Deflection Y	1.0
??TRRI0300S2FOX?	S2 Dummy	Thoracic Rib 3 Force X	1.0
??TRRI03L1S2ACR?	S2 Dummy	Thoracic Rib 3 Redundant Left Acceleration Resultant	1.1
??TRRI03L1S2ACX?	S2 Dummy	Thoracic Rib 3 Redundant Left Acceleration X	1.1
??TRRI03L1S2ACY?	S2 Dummy	Thoracic Rib 3 Redundant Left Acceleration Y	1.1
??TRRI03L1S2ACZ?	S2 Dummy	Thoracic Rib 3 Redundant Left Acceleration Z	1.1
??TRRI03LES2ACR?	S2 Dummy	Thoracic Rib 3 Left Acceleration Resultant	1.0
??TRRI03LES2ACX?	S2 Dummy	Thoracic Rib 3 Left Acceleration X	1.0
??TRRI03LES2ACY?	S2 Dummy	Thoracic Rib 3 Left Acceleration Y	1.0
??TRRI03LES2ACZ?	S2 Dummy	Thoracic Rib 3 Left Acceleration Z	1.0
??TRRI03LES2DSY?	S2 Dummy	Thoracic Rib 3 Left Deflection Y	1.0
??TRRI03R1S2ACR?	S2 Dummy	Thoracic Rib 3 Redundant Right Acceleration Resultant	1.1
??TRRI03R1S2ACX?	S2 Dummy	Thoracic Rib 3 Redundant Right Acceleration X	1.1
??TRRI03R1S2ACY?	S2 Dummy	Thoracic Rib 3 Redundant Right Acceleration Y	1.1
??TRRI03R1S2ACZ?	S2 Dummy	Thoracic Rib 3 Redundant Right Acceleration Z	1.1
??TRRI03RIS2ACR?	S2 Dummy	Thoracic Rib 3 Right Acceleration Resultant	1.0
??TRRI03RIS2ACX?	S2 Dummy	Thoracic Rib 3 Right Acceleration X	1.0
??TRRI03RIS2ACY?	S2 Dummy	Thoracic Rib 3 Right Acceleration Y	1.0
??TRRI03RIS2ACZ?	S2 Dummy	Thoracic Rib 3 Right Acceleration Z	1.0
??TRRI03RIS2DSY?	S2 Dummy	Thoracic Rib 3 Right Deflection Y	1.0
??SPIN0100S2ACR?	S2 Dummy	Spine Upper (T1) Acceleration Resultant	1.0
??SPIN0100S2ACX?	S2 Dummy	Spine Upper (T1) Acceleration X	1.0
??SPIN0100S2ACY?	S2 Dummy	Spine Upper (T1) Acceleration Y	1.0
??SPIN0100S2ACZ?	S2 Dummy	Spine Upper (T1) Acceleration Z	1.0
??THSP01LES2ACR?	S2 Dummy	Thoracic Spine 1 Left Acceleration Resultant	Represents T4 Vertebra 1.0
??THSP01LES2ACX?	S2 Dummy	Thoracic Spine 1 Left Acceleration X	Represents T4 Vertebra 1.0
??THSP01LES2ACY?	S2 Dummy	Thoracic Spine 1 Left Acceleration Y	Represents T4 Vertebra 1.0
??THSP01LES2ACZ?	S2 Dummy	Thoracic Spine 1 Left Acceleration Z	Represents T4 Vertebra 1.0
??THSP01RIS2ACR?	S2 Dummy	Thoracic Spine 1 Right Acceleration Resultant	Represents T4 Vertebra 1.0
??THSP01RIS2ACX?	S2 Dummy	Thoracic Spine 1 Right Acceleration X	Represents T4 Vertebra 1.0
??THSP01RIS2ACY?	S2 Dummy	Thoracic Spine 1 Right Acceleration Y	Represents T4 Vertebra 1.0
??THSP01RIS2ACZ?	S2 Dummy	Thoracic Spine 1 Right Acceleration Z	Represents T4 Vertebra 1.0
??THSP02LES2ACR?	S2 Dummy	Thoracic Spine 2 Left Acceleration Resultant	1.0
??THSP02LES2ACX?	S2 Dummy	Thoracic Spine 2 Left Acceleration X	1.0
??THSP02LES2ACY?	S2 Dummy	Thoracic Spine 2 Left Acceleration Y	1.0
??THSP02LES2ACZ?	S2 Dummy	Thoracic Spine 2 Left Acceleration Z	1.0
??THSP02RIS2ACR?	S2 Dummy	Thoracic Spine 2 Right Acceleration Resultant	1.0
??THSP02RIS2ACX?	S2 Dummy	Thoracic Spine 2 Right Acceleration X	1.0
??THSP02RIS2ACY?	S2 Dummy	Thoracic Spine 2 Right Acceleration Y	1.0
??THSP02RIS2ACZ?	S2 Dummy	Thoracic Spine 2 Right Acceleration Z	1.0
??THSP03LES2ACR?	S2 Dummy	Thoracic Spine 3 Left Acceleration Resultant	1.0
??THSP03LES2ACX?	S2 Dummy	Thoracic Spine 3 Left Acceleration X	1.0
??THSP03LES2ACY?	S2 Dummy	Thoracic Spine 3 Left Acceleration Y	1.0

Possible Channels

S2 Dummy

Code	Description	Remarks	Valid since Version
??THSP03LES2ACZ?	S2 Dummy	Thoracic Spine 3 Left Acceleration Z	1.0
??THSP03RIS2ACR?	S2 Dummy	Thoracic Spine 3 Right Acceleration Resultant	1.0
??THSP03RIS2ACX?	S2 Dummy	Thoracic Spine 3 Right Acceleration X	1.0
??THSP03RIS2ACY?	S2 Dummy	Thoracic Spine 3 Right Acceleration Y	1.0
??THSP03RIS2ACZ?	S2 Dummy	Thoracic Spine 3 Right Acceleration Z	1.0
??ABRI0100S2FOX?	S2 Dummy	Abdominal Rib 1 Force X	1.2
??ABRI01L1S2ACR?	S2 Dummy	Abdominal Rib 1 Redundant Left Acceleration Resultant	1.2
??ABRI01L1S2ACX?	S2 Dummy	Abdominal Rib 1 Redundant Left Acceleration X	1.2
??ABRI01L1S2ACY?	S2 Dummy	Abdominal Rib 1 Redundant Left Acceleration Y	1.2
??ABRI01L1S2ACZ?	S2 Dummy	Abdominal Rib 1 Redundant Left Acceleration Z	1.2
??ABRI01LES2ACR?	S2 Dummy	Abdominal Rib 1 Left Acceleration Resultant	1.2
??ABRI01LES2ACX?	S2 Dummy	Abdominal Rib 1 Left Acceleration X	1.2
??ABRI01LES2ACY?	S2 Dummy	Abdominal Rib 1 Left Acceleration Y	1.2
??ABRI01LES2ACZ?	S2 Dummy	Abdominal Rib 1 Left Acceleration Z	1.2
??ABRI01LES2DSY?	S2 Dummy	Abdominal Rib 1 Left Deflection Y	1.2
??ABRI01R1S2ACR?	S2 Dummy	Abdominal Rib 1 Redundant Right Acceleration Resultant	1.2
??ABRI01R1S2ACX?	S2 Dummy	Abdominal Rib 1 Redundant Right Acceleration X	1.2
??ABRI01R1S2ACY?	S2 Dummy	Abdominal Rib 1 Redundant Right Acceleration Y	1.2
??ABRI01R1S2ACZ?	S2 Dummy	Abdominal Rib 1 Redundant Right Acceleration Z	1.2
??ABRI01RIS2ACR?	S2 Dummy	Abdominal Rib 1 Right Acceleration Resultant	1.2
??ABRI01RIS2ACX?	S2 Dummy	Abdominal Rib 1 Right Acceleration X	1.2
??ABRI01RIS2ACY?	S2 Dummy	Abdominal Rib 1 Right Acceleration Y	1.2
??ABRI01RIS2ACZ?	S2 Dummy	Abdominal Rib 1 Right Acceleration Z	1.2
??ABRI01RIS2DSY?	S2 Dummy	Abdominal Rib 1 Right Deflection Y	1.2
??ABRI02L1S2ACR?	S2 Dummy	Abdominal Rib 2 Redundant Left Acceleration Resultant	1.2
??ABRI02L1S2ACX?	S2 Dummy	Abdominal Rib 2 Redundant Left Acceleration X	1.2
??ABRI02L1S2ACY?	S2 Dummy	Abdominal Rib 2 Redundant Left Acceleration Y	1.2
??ABRI02L1S2ACZ?	S2 Dummy	Abdominal Rib 2 Redundant Left Acceleration Z	1.2
??ABRI02LES2ACR?	S2 Dummy	Abdominal Rib 2 Left Acceleration Resultant	1.2
??ABRI02LES2ACX?	S2 Dummy	Abdominal Rib 2 Left Acceleration X	1.2
??ABRI02LES2ACY?	S2 Dummy	Abdominal Rib 2 Left Acceleration Y	1.2
??ABRI02LES2ACZ?	S2 Dummy	Abdominal Rib 2 Left Acceleration Z	1.2
??ABRI02LES2DSY?	S2 Dummy	Abdominal Rib 2 Left Deflection Y	1.2
??ABRI02R1S2ACR?	S2 Dummy	Abdominal Rib 2 Redundant Right Acceleration Resultant	1.2
??ABRI02R1S2ACX?	S2 Dummy	Abdominal Rib 2 Redundant Right Acceleration X	1.2
??ABRI02R1S2ACY?	S2 Dummy	Abdominal Rib 2 Redundant Right Acceleration Y	1.2
??ABRI02R1S2ACZ?	S2 Dummy	Abdominal Rib 2 Redundant Right Acceleration Z	1.2
??ABRI02RIS2ACR?	S2 Dummy	Abdominal Rib 2 Right Acceleration Resultant	1.2

Possible Channels

S2 Dummy

Code	Description	Remarks	Valid since Version
??ABRIO2RIS2ACX?	S2 Dummy	Abdominal Rib 2 Right Acceleration X	1.2
??ABRIO2RIS2ACY?	S2 Dummy	Abdominal Rib 2 Right Acceleration Y	1.2
??ABRIO2RIS2ACZ?	S2 Dummy	Abdominal Rib 2 Right Acceleration Z	1.2
??ABRIO2RIS2DSY?	S2 Dummy	Abdominal Rib 2 Right Deflection Y	1.2
??ABSP01LES2ACR?	S2 Dummy	Abdominal Spine 1 Left Acceleration Resultant	Represents T12 Vertebra 1.2
??ABSP01LES2ACX?	S2 Dummy	Abdominal Spine 1 Left Acceleration X	Represents T12 Vertebra 1.2
??ABSP01LES2ACY?	S2 Dummy	Abdominal Spine 1 Left Acceleration Y	Represents T12 Vertebra 1.2
??ABSP01LES2ACZ?	S2 Dummy	Abdominal Spine 1 Left Acceleration Z	Represents T12 Vertebra 1.2
??ABSP01RIS2ACR?	S2 Dummy	Abdominal Spine 1 Right Acceleration Resultant	Represents T12 Vertebra 1.2
??ABSP01RIS2ACX?	S2 Dummy	Abdominal Spine 1 Right Acceleration X	Represents T12 Vertebra 1.2
??ABSP01RIS2ACY?	S2 Dummy	Abdominal Spine 1 Right Acceleration Y	Represents T12 Vertebra 1.2
??ABSP01RIS2ACZ?	S2 Dummy	Abdominal Spine 1 Right Acceleration Z	Represents T12 Vertebra 1.2
??ABSP02LES2ACR?	S2 Dummy	Abdominal Spine 2 Left Acceleration Resultant	1.2
??ABSP02LES2ACX?	S2 Dummy	Abdominal Spine 2 Left Acceleration X	1.2
??ABSP02LES2ACY?	S2 Dummy	Abdominal Spine 2 Left Acceleration Y	1.2
??ABSP02LES2ACZ?	S2 Dummy	Abdominal Spine 2 Left Acceleration Z	1.2
??ABSP02RIS2ACR?	S2 Dummy	Abdominal Spine 2 Right Acceleration Resultant	1.2
??ABSP02RIS2ACX?	S2 Dummy	Abdominal Spine 2 Right Acceleration X	1.2
??ABSP02RIS2ACY?	S2 Dummy	Abdominal Spine 2 Right Acceleration Y	1.2
??ABSP02RIS2ACZ?	S2 Dummy	Abdominal Spine 2 Right Acceleration Z	1.2
??LUSP0000S2FOX?	S2 Dummy	Lumbar Spine Force X	1.0
??LUSP0000S2FOY?	S2 Dummy	Lumbar Spine Force Y	1.0
??LUSP0000S2FOZ?	S2 Dummy	Lumbar Spine Force Z	1.0
??LUSP0000S2MOX?	S2 Dummy	Lumbar Spine Moment X	1.0
??LUSP0000S2MOY?	S2 Dummy	Lumbar Spine Moment Y	1.0
??LUSP0000S2MOZ?	S2 Dummy	Lumbar Spine Moment Z	1.0
??PELV0000S2ACR?	S2 Dummy	Pelvis Acceleration Resultant	1.0
??PELV0000S2ACX?	S2 Dummy	Pelvis Acceleration X	1.0
??PELV0000S2ACY?	S2 Dummy	Pelvis Acceleration Y	1.0
??PELV0000S2ACZ?	S2 Dummy	Pelvis Acceleration Z	1.0
??PELV0000S2ANX?	S2 Dummy	Pelvis Angle X	1.0
??PELV0000S2ANY?	S2 Dummy	Pelvis Angle Y	1.0
??PELVLESUS2FOY?	S2 Dummy	Combined left Acetabulum and Iliac Force left	1.5
??PELVVRISUS2FOY?	S2 Dummy	Combined right Acetabulum and Iliac Force left	1.5
??ACTBLE00S2FOY?	S2 Dummy	Acetabulum Left Force Y	1.0
??ACTBRI00S2FOY?	S2 Dummy	Acetabulum Right Force Y	1.0
??ILACLE00S2FOY?	S2 Dummy	Iliac Wing Left Force Y	1.0
??ILACRI00S2FOY?	S2 Dummy	Iliac Wing Right Force Y	1.0
??PUBC0000S2FOY?	S2 Dummy	Pubic Symphysis Force Y	1.0
??FEMRLE00S2ACR?	S2 Dummy	Femur Left Acceleration Resultant	1.0
??FEMRLE00S2ACX?	S2 Dummy	Femur Left Acceleration X	1.0
??FEMRLE00S2ACY?	S2 Dummy	Femur Left Acceleration Y	1.0
??FEMRLE00S2ACZ?	S2 Dummy	Femur Left Acceleration Z	1.0
??FEMRLE00S2FOX?	S2 Dummy	Femur Left Force X	1.0
??FEMRLE00S2FOY?	S2 Dummy	Femur Left Force Y	1.0
??FEMRLE00S2FOZ?	S2 Dummy	Femur Left Force Z	1.0

Possible Channels

S2 Dummy

Code	Description	Remarks	Valid since Version
??FEMRLE00S2MOX?	S2 Dummy	Femur Left Moment X	1.0
??FEMRLE00S2MOY?	S2 Dummy	Femur Left Moment Y	1.0
??FEMRLE00S2MOZ?	S2 Dummy	Femur Left Moment Z	1.0
??FEMRLEDUS2FOZ?	S2 Dummy	Femur Left Duration Force Z	1.0
??FEMRLEUPS2FOY?	S2 Dummy	Femur Left Upper Force Y	1.0
??FEMRRI00S2ACR?	S2 Dummy	Femur Right Acceleration Resultant	1.0
??FEMRRI00S2ACX?	S2 Dummy	Femur Right Acceleration X	1.0
??FEMRRI00S2ACY?	S2 Dummy	Femur Right Acceleration Y	1.0
??FEMRRI00S2ACZ?	S2 Dummy	Femur Right Acceleration Z	1.0
??FEMRRI00S2FOX?	S2 Dummy	Femur Right Force X	1.0
??FEMRRI00S2FOY?	S2 Dummy	Femur Right Force Y	1.0
??FEMRRI00S2FOZ?	S2 Dummy	Femur Right Force Z	1.0
??FEMRRI00S2MOX?	S2 Dummy	Femur Right Moment X	1.0
??FEMRRI00S2MOY?	S2 Dummy	Femur Right Moment Y	1.0
??FEMRRI00S2MOZ?	S2 Dummy	Femur Right Moment Z	1.0
??FEMRRIDUS2FOZ?	S2 Dummy	Femur Right Duration Force Z	1.0
??FEMRRIUPS2FOY?	S2 Dummy	Femur Right Upper Force Y	1.0
??CLEVLEINS2FOZ?	S2 Dummy	Knee Clevis Left Inner Z	1.0
??CLEVLEOUS2FOZ?	S2 Dummy	Knee Clevis Left Outer Z	1.0
??CLEVRIINS2FOZ?	S2 Dummy	Knee Clevis Right Inner Z	1.0
??CLEVRIOUS2FOZ?	S2 Dummy	Knee Clevis Right Outer Z	1.0
??TIRALLFZS200Z?	S2 Dummy	Tibia Ratio Left Lower Force	1.5
??TIRALLMRS200R?	S2 Dummy	Tibia Ratio Left Lower Moment	1.5
??TIRALUFZS200Z?	S2 Dummy	Tibia Ratio Left Upper Force	1.5
??TIRALUMRS200R?	S2 Dummy	Tibia Ratio Left Upper Moment	1.5
??TIRARLFZS200Z?	S2 Dummy	Tibia Ratio Right Lower Force	1.5
??TIRARLMRS200R?	S2 Dummy	Tibia Ratio Right Lower Moment	1.5
??TIRARUFZS200Z?	S2 Dummy	Tibia Ratio Right Upper Force	1.5
??TIRARUMRS200R?	S2 Dummy	Tibia Ratio Right Upper Moment	1.5
??TIBILELOS2FOX?	S2 Dummy	Tibia Left Lower Force X	1.0
??TIBILELOS2FOY?	S2 Dummy	Tibia Left Lower Force Y	1.0
??TIBILELOS2MOX?	S2 Dummy	Tibia Left Lower Moment X	1.0
??TIBILELOS2MOY?	S2 Dummy	Tibia Left Lower Moment Y	1.0
??TIBILEUPS2FOY?	S2 Dummy	Tibia Left Upper Force Y	1.0
??TIBILEUPS2FOZ?	S2 Dummy	Tibia Left Upper Force Z	1.0
??TIBILEUPS2MOX?	S2 Dummy	Tibia Left Upper Moment X	1.0
??TIBILEUPS2MOY?	S2 Dummy	Tibia Left Upper Moment Y	1.0
??TIBIRILOS2FOX?	S2 Dummy	Tibia Right Lower Force X	1.0
??TIBIRILOS2FOY?	S2 Dummy	Tibia Right Lower Force Y	1.0
??TIBIRILOS2MOX?	S2 Dummy	Tibia Right Lower Moment X	1.0
??TIBIRILOS2MOY?	S2 Dummy	Tibia Right Lower Moment Y	1.0
??TIBIRIUPS2FOY?	S2 Dummy	Tibia Right Upper Force Y	1.0
??TIBIRIUPS2FOZ?	S2 Dummy	Tibia Right Upper Force Z	1.0
??TIBIRIUPS2MOX?	S2 Dummy	Tibia Right Upper Moment X	1.0
??TIBIRIUPS2MOY?	S2 Dummy	Tibia Right Upper Moment Y	1.0
??TIINLELOS2000?	S2 Dummy	Tibia Index Left Lower	1.0
??TIINLEUPS2000?	S2 Dummy	Tibia Index Left Upper	1.0
??TIINRILOS2000?	S2 Dummy	Tibia Index Right Lower	1.0
??TIINRIUPS2000?	S2 Dummy	Tibia Index Right Upper	1.0

Possible Channels

SH Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000SHACR?	SH Dummy	Head Acceleration Resultant	1.0
??HEAD0000SHACX?	SH Dummy	Head Acceleration X	1.0
??HEAD0000SHACY?	SH Dummy	Head Acceleration Y	1.0
??HEAD0000SHACZ?	SH Dummy	Head Acceleration Z	1.0
??NECKUP00SHFOX?	SH Dummy	Neck Upper Force X	1.0
??NECKUP00SHFOY?	SH Dummy	Neck Upper Force Y	1.0
??NECKUP00SHFOZ?	SH Dummy	Neck Upper Force Z	1.0
??NECKUP00SHLE0?	SH Dummy	Neck Upper Lever Arm	1.0
??NECKUP00SHMOX?	SH Dummy	Neck Upper Moment X	1.0
??NECKUP00SHMOY?	SH Dummy	Neck Upper Moment Y	1.0
??NECKUP00SHMOZ?	SH Dummy	Neck Upper Moment Z	1.0
??NECKUPDNSHFOX?	SH Dummy	Neck Upper Duration of Loading Negative X	1.0
??NECKUPDNSHFOZ?	SH Dummy	Neck Upper Duration of Loading Negative Z	1.0
??NECKUPDPSSHFOX?	SH Dummy	Neck Upper Duration of Loading Positive X	1.0
??NECKUPDPSSHFOZ?	SH Dummy	Neck Upper Duration of Loading Positive Z	1.0
??NECKUPTOSHMOX?	SH Dummy	Neck Upper Total Moment X	1.0
??NECKUPTOSHMOY?	SH Dummy	Neck Upper Total Moment Y	1.0
??RIBSLELOSHACY?	SH Dummy	Rib Left Lower Acceleration Y	1.5
??RIBSLEUPSHACY?	SH Dummy	Rib Left Upper Acceleration Y	1.5
??SPIN0100SHACR?	SH Dummy	Spine Upper (T1) Acceleration Resultant	1.0
??SPIN0100SHACX?	SH Dummy	Spine Upper (T1) Acceleration X	1.0
??SPIN0100SHACY?	SH Dummy	Spine Upper (T1) Acceleration Y	1.0
??SPIN0100SHACZ?	SH Dummy	Spine Upper (T1) Acceleration Z	1.0
??SPIN1200SHACR?	SH Dummy	Spine Lower (T12) Acceleration Resultant	1.0
??SPIN1200SHACX?	SH Dummy	Spine Lower (T12) Acceleration X	1.0
??SPIN1200SHACY?	SH Dummy	Spine Lower (T12) Acceleration Y	1.0
??SPIN1200SHACZ?	SH Dummy	Spine Lower (T12) Acceleration Z	1.0
??THSP0000SHFOX?	SH Dummy	Thoracic Spine Force X	1.0
??THSP0000SHFOY?	SH Dummy	Thoracic Spine Force Y	1.0
??THSP0000SHFOZ?	SH Dummy	Thoracic Spine Force Z	1.0
??THSP0000SHMOX?	SH Dummy	Thoracic Spine Moment X	1.0
??THSP0000SHMOY?	SH Dummy	Thoracic Spine Moment Y	1.0
??CHSTLE00SHDSY?	SH Dummy	Chest Left Displacement Y	1.0
??CHSTRI00SHDSY?	SH Dummy	Chest Right Displacement Y	1.0
??ABDOLEFRSHFOY?	SH Dummy	Abdominal Left Front Force Y	1.0
??ABDOLEMISHFOY?	SH Dummy	Abdominal Left Middle Force Y	1.0
??ABDOLERESHFOY?	SH Dummy	Abdominal Left Rear Force Y	1.0
??ABDOLESUSHFOY?	SH Dummy	Abdominal Left Sum Force Y	1.0
??ABDORIFRSHFOY?	SH Dummy	Abdominal Right Front Force Y	1.0
??ABDORIMISHFOY?	SH Dummy	Abdominal Right Middle Force Y	1.0
??ABDORIRESHFOY?	SH Dummy	Abdominal Right Rear Force Y	1.0
??ABDORISUSHFOY?	SH Dummy	Abdominal Right Sum Force Y	1.0
??LUSP0000SHFOX?	SH Dummy	Lumbar Spine Force X	1.0
??LUSP0000SHFOZ?	SH Dummy	Lumbar Spine Force Z	1.0
??LUSP0000SHMOX?	SH Dummy	Lumbar Spine Moment X	1.0
??LUSP0000SHMOY?	SH Dummy	Lumbar Spine Moment Y	1.0
??LUSP0000SHMOZ?	SH Dummy	Lumbar Spine Moment Z	1.0
??PELV0000SHACR?	SH Dummy	Pelvis Acceleration Resultant	1.0
??PELV0000SHACX?	SH Dummy	Pelvis Acceleration X	1.0
??PELV0000SHACY?	SH Dummy	Pelvis Acceleration Y	1.0

Possible Channels

SH Dummy

Code	Description	Remarks	Valid since Version
??PELV0000SHACZ?	SH Dummy	Pelvis Acceleration Z	1.0
??FEMRLE00SHACR?	SH Dummy	Femur Left Acceleration Resultant	1.0
??FEMRLE00SHACX?	SH Dummy	Femur Left Acceleration X	1.0
??FEMRLE00SHACY?	SH Dummy	Femur Left Acceleration Y	1.0
??FEMRLE00SHACZ?	SH Dummy	Femur Left Acceleration Z	1.0
??FEMRLE00SHFOX?	SH Dummy	Femur Left Force X	1.0
??FEMRLE00SHFOY?	SH Dummy	Femur Left Force Y	1.0
??FEMRLE00SHFOZ?	SH Dummy	Femur Left Force Z	1.0
??FEMRLE00SHMOX?	SH Dummy	Femur Left Moment X	1.0
??FEMRLE00SHMOY?	SH Dummy	Femur Left Moment Y	1.0
??FEMRLE00SHMOZ?	SH Dummy	Femur Left Moment Z	1.0
??FEMRLEDUSHFOZ?	SH Dummy	Femur Left Duration Force Z	1.0
??FEMRRI00SHACR?	SH Dummy	Femur Right Acceleration Resultant	1.0
??FEMRRI00SHACX?	SH Dummy	Femur Right Acceleration X	1.0
??FEMRRI00SHACY?	SH Dummy	Femur Right Acceleration Y	1.0
??FEMRRI00SHACZ?	SH Dummy	Femur Right Acceleration Z	1.0
??FEMRRI00SHFOX?	SH Dummy	Femur Right Force X	1.0
??FEMRRI00SHFOY?	SH Dummy	Femur Right Force Y	1.0
??FEMRRI00SHFOZ?	SH Dummy	Femur Right Force Z	1.0
??FEMRRI00SHMOX?	SH Dummy	Femur Right Moment X	1.0
??FEMRRI00SHMOY?	SH Dummy	Femur Right Moment Y	1.0
??FEMRRI00SHMOZ?	SH Dummy	Femur Right Moment Z	1.0
??FEMRRIDUSHFOZ?	SH Dummy	Femur Right Duration Force Z	1.0
??DAMPLE00SHFOY?	SH Dummy	Damper Left Force Y	1.0
??DAMPRI00SHFOY?	SH Dummy	Damper Right Force Y	1.0

Possible Channels**SI Dummy**

Code	Description	Remarks	Valid since Version
??RIBSRILOSHACY?	SI Dummy	Rib Right Lower Acceleration Y	1.5
??RIBSRIUPSHACY?	SI Dummy	Rib Right Upper Acceleration Y	1.5

Possible Channels

SI Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000SIACR?	SI Dummy	Head Acceleration Resultant	1.0
??HEAD0000SIACX?	SI Dummy	Head Acceleration X	1.0
??HEAD0000SIACY?	SI Dummy	Head Acceleration Y	1.0
??HEAD0000SIACZ?	SI Dummy	Head Acceleration Z	1.0
??RIBSLEL2SIACY?	SI Dummy	Rib Left Redundant Lower Acceleration Y	1.1
??RIBSLELOSIACY?	SI Dummy	Rib Left Lower Acceleration Y	1.0
??RIBSLEU1SIACY?	SI Dummy	Rib Left Redundant Upper Acceleration Y	1.1
??RIBSLEUPSIACY?	SI Dummy	Rib Left Upper Acceleration Y	1.0
??RIBSRIL2SIACY?	SI Dummy	Rib Right Redundant Lower Acceleration Y	1.1
??RIBSRILOSIACY?	SI Dummy	Rib Right Lower Acceleration Y	1.0
??RIBSRIU1SIACY?	SI Dummy	Rib Right Redundant Upper Acceleration Y	1.1
??RIBSRIUPSIACY?	SI Dummy	Rib Right Upper Acceleration Y	1.0
??SPIN0100SIACR?	SI Dummy	Spine Upper (T1) Acceleration Resultant	1.0
??SPIN0100SIACX?	SI Dummy	Spine Upper (T1) Acceleration X	1.0
??SPIN0100SIACY?	SI Dummy	Spine Upper (T1) Acceleration Y	1.0
??SPIN0100SIACZ?	SI Dummy	Spine Upper (T1) Acceleration Z	1.0
??SPIN01RDSIACY?	SI Dummy	Spine Upper (T1) Redundant Acceleration Y	1.0
??SPIN1200SIACR?	SI Dummy	Spine Lower (T12) Acceleration Resultant	1.0
??SPIN1200SIACX?	SI Dummy	Spine Lower (T12) Acceleration X	1.0
??SPIN1200SIACY?	SI Dummy	Spine Lower (T12) Acceleration Y	1.0
??SPIN1200SIACZ?	SI Dummy	Spine Lower (T12) Acceleration Z	1.0
??THSP0000SIFOX?	SI Dummy	Thoracic Spine Force X	1.0
??THSP0000SIFOY?	SI Dummy	Thoracic Spine Force Y	1.0
??THSP0000SIFOZ?	SI Dummy	Thoracic Spine Force Z	1.0
??THSP0000SIMOX?	SI Dummy	Thoracic Spine Moment X	1.0
??THSP0000SIMOY?	SI Dummy	Thoracic Spine Moment Y	1.0
??CHSTLE00SIDSY?	SI Dummy	Chest Left Displacement Y	1.0
??CHSTRI00SIDSY?	SI Dummy	Chest Right Displacement Y	1.0
??ABDOLEFRSIFOY?	SI Dummy	Abdominal Left Front Force Y	1.0
??ABDOLEMISIFOY?	SI Dummy	Abdominal Left Middle Force Y	1.0
??ABDOLERESIFOY?	SI Dummy	Abdominal Left Rear Force Y	1.0
??ABDOLESUSIFOY?	SI Dummy	Abdominal Left Sum Force Y	1.0
??ABDORIFRSIFOY?	SI Dummy	Abdominal Right Front Force Y	1.0
??ABDORIMISIFOY?	SI Dummy	Abdominal Right Middle Force Y	1.0
??ABDORIRESIFOY?	SI Dummy	Abdominal Right Rear Force Y	1.0
??ABDORISUSIFOY?	SI Dummy	Abdominal Right Sum Force Y	1.0
??LUSP0000SIFOX?	SI Dummy	Lumbar Spine Force X	1.0
??LUSP0000SIFOY?	SI Dummy	Lumbar Spine Force Y	1.0
??LUSP0000SIFOZ?	SI Dummy	Lumbar Spine Force Z	1.0
??LUSP0000SIMOX?	SI Dummy	Lumbar Spine Moment X	1.0
??LUSP0000SIMOY?	SI Dummy	Lumbar Spine Moment Y	1.0
??LUSP0000SIMOZ?	SI Dummy	Lumbar Spine Moment Z	1.0
??PELV0000SIACR?	SI Dummy	Pelvis Acceleration Resultant	1.0
??PELV0000SIACX?	SI Dummy	Pelvis Acceleration X	1.0
??PELV0000SIACY?	SI Dummy	Pelvis Acceleration Y	1.0
??PELV0000SIACZ?	SI Dummy	Pelvis Acceleration Z	1.0
??PELV0000SIANX?	SI Dummy	Pelvis Angle X	1.0
??PELV0000SIANY?	SI Dummy	Pelvis Angle Y	1.0
??PELVRD00SIACY?	SI Dummy	Pelvis Redundant Acceleration Y	1.0
??FEMRLE00SIACR?	SI Dummy	Femur Left Acceleration Resultant	1.0

Possible Channels

SI Dummy

Code	Description	Remarks	Valid since Version
??FEMRLE00SIACX?	SI Dummy	Femur Left Acceleration X	1.0
??FEMRLE00SIACY?	SI Dummy	Femur Left Acceleration Y	1.0
??FEMRLE00SIACZ?	SI Dummy	Femur Left Acceleration Z	1.0
??FEMRLE00SIFOX?	SI Dummy	Femur Left Force X	1.0
??FEMRLE00SIFOY?	SI Dummy	Femur Left Force Y	1.0
??FEMRLE00SIFOZ?	SI Dummy	Femur Left Force Z	1.0
??FEMRLE00SIMOX?	SI Dummy	Femur Left Moment X	1.0
??FEMRLE00SIMOY?	SI Dummy	Femur Left Moment Y	1.0
??FEMRLE00SIMOZ?	SI Dummy	Femur Left Moment Z	1.0
??FEMRLEDUSIFOZ?	SI Dummy	Femur Left Duration Force Z	1.0
??FEMRRI00SIACR?	SI Dummy	Femur Right Acceleration Resultant	1.0
??FEMRRI00SIACX?	SI Dummy	Femur Right Acceleration X	1.0
??FEMRRI00SIACY?	SI Dummy	Femur Right Acceleration Y	1.0
??FEMRRI00SIACZ?	SI Dummy	Femur Right Acceleration Z	1.0
??FEMRRI00SIFOX?	SI Dummy	Femur Right Force X	1.0
??FEMRRI00SIFOY?	SI Dummy	Femur Right Force Y	1.0
??FEMRRI00SIFOZ?	SI Dummy	Femur Right Force Z	1.0
??FEMRRI00SIMOX?	SI Dummy	Femur Right Moment X	1.0
??FEMRRI00SIMOY?	SI Dummy	Femur Right Moment Y	1.0
??FEMRRI00SIMOZ?	SI Dummy	Femur Right Moment Z	1.0
??FEMRRIDUSIFOZ?	SI Dummy	Femur Right Duration Force Z	1.0
??DAMPLE00SIFOY?	SI Dummy	Damper Left Force Y	1.0
??DAMPRI00SIFOY?	SI Dummy	Damper Right Force Y	1.0

Possible Channels

Y2 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000Y2ACR?	Y2 Dummy	Head Acceleration Resultant	1.0
??HEAD0000Y2ACX?	Y2 Dummy	Head Acceleration X	1.0
??HEAD0000Y2ACY?	Y2 Dummy	Head Acceleration Y	1.0
??HEAD0000Y2ACZ?	Y2 Dummy	Head Acceleration Z	1.0
??HEADRE00Y2ACX?	Y2 Dummy	Head Rear Acceleration X	1.0
??NECKLO00Y2FOX?	Y2 Dummy	Neck Lower Force X	1.0
??NECKLO00Y2FOY?	Y2 Dummy	Neck Lower Force Y	1.0
??NECKLO00Y2FOZ?	Y2 Dummy	Neck Lower Force Z	1.0
??NECKLO00Y2MOX?	Y2 Dummy	Neck Lower Moment X	1.0
??NECKLO00Y2MOY?	Y2 Dummy	Neck Lower Moment Y	1.0
??NECKLO00Y2MOZ?	Y2 Dummy	Neck Lower Moment Z	1.0
??NECKUP00Y2FOX?	Y2 Dummy	Neck Upper Force X	1.0
??NECKUP00Y2FOY?	Y2 Dummy	Neck Upper Force Y	1.0
??NECKUP00Y2FOZ?	Y2 Dummy	Neck Upper Force Z	1.0
??NECKUP00Y2MOX?	Y2 Dummy	Neck Upper Moment X	1.0
??NECKUP00Y2MOY?	Y2 Dummy	Neck Upper Moment Y	1.0
??NECKUP00Y2MOZ?	Y2 Dummy	Neck Upper Moment Z	1.0
??NECKUPCEY2000?	Y2 Dummy	Neck Upper Compression Extension	1.0
??NECKUPCFY2000?	Y2 Dummy	Neck Upper Compression Flexion	1.0
??NECKUPDNY2FOX?	Y2 Dummy	Neck Upper Duration of Loading Negative X	1.0
??NECKUPDNY2FOZ?	Y2 Dummy	Neck Upper Duration of Loading Negative Z	1.0
??NECKUPDPY2FOX?	Y2 Dummy	Neck Upper Duration of Loading Positive X	1.0
??NECKUPDPY2FOZ?	Y2 Dummy	Neck Upper Duration of Loading Positive Z	1.0
??NECKUPTEY2000?	Y2 Dummy	Neck Upper Tension Extension	1.0
??NECKUPTFY2000?	Y2 Dummy	Neck Upper Tension Flexion	1.0
??SHLDLE00Y2FOX?	Y2 Dummy	Shoulder Left Force X	1.0
??SHLDLE00Y2FOZ?	Y2 Dummy	Shoulder Left Force Z	1.0
??SHLDRI00Y2FOX?	Y2 Dummy	Shoulder Right Force X	1.0
??SHLDRI00Y2FOZ?	Y2 Dummy	Shoulder Right Force Z	1.0
??CHST0000Y2VEX?	Y2 Dummy	Chest Velocity X	1.0
??LUSP0000Y2FOX?	Y2 Dummy	Lumbar Spine Force X	1.0
??LUSP0000Y2FOY?	Y2 Dummy	Lumbar Spine Force Y	1.0
??LUSP0000Y2FOZ?	Y2 Dummy	Lumbar Spine Force Z	1.0
??LUSP0000Y2MOX?	Y2 Dummy	Lumbar Spine Moment X	1.0
??LUSP0000Y2MOY?	Y2 Dummy	Lumbar Spine Moment Y	1.0
??LUSP0000Y2MOZ?	Y2 Dummy	Lumbar Spine Moment Z	1.0
??PELV0000Y2ACR?	Y2 Dummy	Pelvis Acceleration Resultant	1.0
??PELV0000Y2ACX?	Y2 Dummy	Pelvis Acceleration X	1.0
??PELV0000Y2ACY?	Y2 Dummy	Pelvis Acceleration Y	1.0
??PELV0000Y2ACZ?	Y2 Dummy	Pelvis Acceleration Z	1.0
??PUBC0000Y2FOX?	Y2 Dummy	Pubic Symphysis Force X	1.0
??PUBC0000Y2FOZ?	Y2 Dummy	Pubic Symphysis Force Z	1.0
??VCCR0000Y2VE0?	Y2 Dummy	Chest Viscous Criterion	1.2

Possible Channels

Y6 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000Y6ACR?	Y6 Dummy	Head Acceleration Resultant	1.0
??HEAD0000Y6ACX?	Y6 Dummy	Head Acceleration X	1.0
??HEAD0000Y6ACY?	Y6 Dummy	Head Acceleration Y	1.0
??HEAD0000Y6ACZ?	Y6 Dummy	Head Acceleration Z	1.0
??HEADRE00Y6ACZ?	Y6 Dummy	Head Rear Acceleration Z	1.5
??NECKLO00Y6FOX?	Y6 Dummy	Neck Lower Force X	1.0
??NECKLO00Y6FOY?	Y6 Dummy	Neck Lower Force Y	1.0
??NECKLO00Y6FOZ?	Y6 Dummy	Neck Lower Force Z	1.0
??NECKLO00Y6MOX?	Y6 Dummy	Neck Lower Moment X	1.0
??NECKLO00Y6MOY?	Y6 Dummy	Neck Lower Moment Y	1.0
??NECKLO00Y6MOZ?	Y6 Dummy	Neck Lower Moment Z	1.0
??NECKUP00Y6FOX?	Y6 Dummy	Neck Upper Force X	1.0
??NECKUP00Y6FOY?	Y6 Dummy	Neck Upper Force Y	1.0
??NECKUP00Y6FOZ?	Y6 Dummy	Neck Upper Force Z	1.0
??NECKUP00Y6MOX?	Y6 Dummy	Neck Upper Moment X	1.0
??NECKUP00Y6MOY?	Y6 Dummy	Neck Upper Moment Y	1.0
??NECKUP00Y6MOZ?	Y6 Dummy	Neck Upper Moment Z	1.0
??NECKUPCEY6000?	Y6 Dummy	Neck Upper Compression Extension	1.0
??NECKUPCFY6000?	Y6 Dummy	Neck Upper Compression Flexion	1.0
??NECKUPDNY6FOX?	Y6 Dummy	Neck Upper Duration of Loading Negative X	1.0
??NECKUPDNY6FOZ?	Y6 Dummy	Neck Upper Duration of Loading Negative Z	1.0
??NECKUPDPY6FOX?	Y6 Dummy	Neck Upper Duration of Loading Positive X	1.0
??NECKUPDPY6FOZ?	Y6 Dummy	Neck Upper Duration of Loading Positive Z	1.0
??NECKUPTEY6000?	Y6 Dummy	Neck Upper Tension Extension	1.0
??NECKUPTFY6000?	Y6 Dummy	Neck Upper Tension Flexion	1.0
??SHLDLE00Y6FOX?	Y6 Dummy	Shoulder Left Force X	1.0
??SHLDLE00Y6FOZ?	Y6 Dummy	Shoulder Left Force Z	1.0
??SHLDRI00Y6FOX?	Y6 Dummy	Shoulder Right Force X	1.0
??SHLDRI00Y6FOZ?	Y6 Dummy	Shoulder Right Force Z	1.0
??SPIN0100Y6ACR?	Y6 Dummy	Spine Upper (T1) Acceleration Resultant	1.0
??SPIN0100Y6ACX?	Y6 Dummy	Spine Upper (T1) Acceleration X	1.0
??SPIN0100Y6ACY?	Y6 Dummy	Spine Upper (T1) Acceleration Y	1.0
??SPIN0100Y6ACZ?	Y6 Dummy	Spine Upper (T1) Acceleration Z	1.0
??SPIN1200Y6ACR?	Y6 Dummy	Spine Lower (T12) Acceleration Resultant	1.0
??SPIN1200Y6ACX?	Y6 Dummy	Spine Lower (T12) Acceleration X	1.0
??SPIN1200Y6ACY?	Y6 Dummy	Spine Lower (T12) Acceleration Y	1.0
??SPIN1200Y6ACZ?	Y6 Dummy	Spine Lower (T12) Acceleration Z	1.0
??CHST0000Y6ACR?	Y6 Dummy	Chest Acceleration Resultant	1.5
??CHST0000Y6ACX?	Y6 Dummy	Chest Acceleration X	1.5
??CHST0000Y6ACY?	Y6 Dummy	Chest Acceleration Y	1.5
??CHST0000Y6ACZ?	Y6 Dummy	Chest Acceleration Z	1.5
??CHST0000Y6DSX?	Y6 Dummy	Chest Displacement X	Filter Class related to ECE and FMVSS 1.0
??CHST0000Y6VEX?	Y6 Dummy	Chest Velocity X	1.0
??STRNLO00Y6ACX?	Y6 Dummy	Sternum Lower Acceleration X	1.0
??STRNLO00Y6DSX?	Y6 Dummy	Sternum Lower Displacement X	1.0
??STRNUP00Y6ACX?	Y6 Dummy	Sternum Upper Acceleration X	1.0
??STRNUP00Y6DSX?	Y6 Dummy	Sternum Upper Displacement X	1.0
??LUSP0000Y6FOX?	Y6 Dummy	Lumbar Spine Force X	1.2
??LUSP0000Y6FOY?	Y6 Dummy	Lumbar Spine Force Y	1.0

Possible Channels

Y6 Dummy

Code	Description	Remarks	Valid since Version
??LUSP0000Y6FOZ?	Y6 Dummy Lumbar Spine Force Z		1.2
??LUSP0000Y6MOX?	Y6 Dummy Lumbar Spine Moment X		1.2
??LUSP0000Y6MOY?	Y6 Dummy Lumbar Spine Moment Y		1.2
??LUSP0000Y6MOZ?	Y6 Dummy Lumbar Spine Moment Z		1.2
??PELV0000Y6ACR?	Y6 Dummy Pelvis Acceleration Resultant		1.0
??PELV0000Y6ACX?	Y6 Dummy Pelvis Acceleration X		1.0
??PELV0000Y6ACY?	Y6 Dummy Pelvis Acceleration Y		1.0
??PELV0000Y6ACZ?	Y6 Dummy Pelvis Acceleration Z		1.0
??ACTBLE00Y6FOY?	Y6 Dummy Acetabulum Left Force Y		1.0
??ACTBRI00Y6FOY?	Y6 Dummy Acetabulum Right Force Y		1.0
??ILACLE00Y6DSX?	Y6 Dummy Iliac-Lap Belt Left Distance X		1.1
??ILACLELO0Y6FOX?	Y6 Dummy Iliac Left Lower Force X		1.0
??ILACLESUY6FOX?	Y6 Dummy Iliac Left Total Force X		1.0
??ILACLEUPY6FOX?	Y6 Dummy Iliac Left Upper Force X		1.0
??ILACRI00Y6DSX?	Y6 Dummy Iliac-Lap Belt Right Distance X		1.1
??ILACRILO0Y6FOX?	Y6 Dummy Iliac Right Lower Force X		1.0
??ILACRISUY6FOX?	Y6 Dummy Iliac Right Total Force X		1.0
??ILACRIUPY6FOX?	Y6 Dummy Iliac Right Upper Force X		1.0
??PUBC0000Y6FOX?	Y6 Dummy Pubic Symphysis Force X		1.0
??PUBC0000Y6FOZ?	Y6 Dummy Pubic Symphysis Force Z		1.0
??VCCR0000Y6VE0?	Y6 Dummy Chest Viscous Criterion		1.2
??VCCRLO00Y6VE0?	Y6 Dummy Sternum Viscous Criterion Lower		1.2
??VCCRUP00Y6VE0?	Y6 Dummy Sternum Viscous Criterion Upper		1.2

Possible Channels

Y7 Dummy

Code	Description	Remarks	Valid since Version
??HEAD0000Y7ACR?	Y7 Dummy	Head Acceleration Resultant	1.0
??HEAD0000Y7ACX?	Y7 Dummy	Head Acceleration X	1.0
??HEAD0000Y7ACY?	Y7 Dummy	Head Acceleration Y	1.0
??HEAD0000Y7ACZ?	Y7 Dummy	Head Acceleration Z	1.0
??NECKLO00Y7FOX?	Y7 Dummy	Neck Lower Force X	1.0
??NECKLO00Y7FOY?	Y7 Dummy	Neck Lower Force Y	1.0
??NECKLO00Y7FOZ?	Y7 Dummy	Neck Lower Force Z	1.0
??NECKLO00Y7LEX?	Y7 Dummy	Neck Lower Lever Arm X	1.0
??NECKLO00Y7LEZ?	Y7 Dummy	Neck Lower Lever Arm Z	1.0
??NECKLO00Y7MOX?	Y7 Dummy	Neck Lower Moment X	1.0
??NECKLO00Y7MOY?	Y7 Dummy	Neck Lower Moment Y	1.0
??NECKLO00Y7MOZ?	Y7 Dummy	Neck Lower Moment Z	1.0
??NECKLOTOY7MOX?	Y7 Dummy	Neck Lower Total Moment X	1.0
??NECKLOTOY7MOY?	Y7 Dummy	Neck Lower Total Moment Y	1.0
??NECKLOTOY7MOZ?	Y7 Dummy	Neck Lower Total Moment Z	1.0
??NECKUP00Y7FOX?	Y7 Dummy	Neck Upper Force X	1.0
??NECKUP00Y7FOY?	Y7 Dummy	Neck Upper Force Y	1.0
??NECKUP00Y7FOZ?	Y7 Dummy	Neck Upper Force Z	1.0
??NECKUP00Y7LE0?	Y7 Dummy	Neck Upper Lever Arm	1.0
??NECKUP00Y7MOX?	Y7 Dummy	Neck Upper Moment X	1.0
??NECKUP00Y7MOY?	Y7 Dummy	Neck Upper Moment Y	1.0
??NECKUP00Y7MOZ?	Y7 Dummy	Neck Upper Moment Z	1.0
??NECKUPCEY7000?	Y7 Dummy	Neck Upper Compression Extension	1.0
??NECKUPCFY7000?	Y7 Dummy	Neck Upper Compression Flexion	1.0
??NECKUPDNY7FOX?	Y7 Dummy	Neck Upper Duration of Loading Negative X	1.0
??NECKUPDNY7FOZ?	Y7 Dummy	Neck Upper Duration of Loading Negative Z	1.0
??NECKUPDPY7FOX?	Y7 Dummy	Neck Upper Duration of Loading Positive X	1.0
??NECKUPDPY7FOZ?	Y7 Dummy	Neck Upper Duration of Loading Positive Z	1.0
??NECKUPTEY7000?	Y7 Dummy	Neck Upper Tension Extension	1.0
??NECKUPTFY7000?	Y7 Dummy	Neck Upper Tension Flexion	1.0
??NECKUPTOY7MOX?	Y7 Dummy	Neck Upper Total Moment X	1.0
??NECKUPTOY7MOY?	Y7 Dummy	Neck Upper Total Moment Y	1.0
??SPINLO00Y7ACX?	Y7 Dummy	Spine Lower Acceleration X	1.0
??SPINUP00Y7ACX?	Y7 Dummy	Spine Upper Acceleration X	1.0
??CHST0000Y7ACR?	Y7 Dummy	Chest Acceleration Resultant	1.0
??CHST0000Y7ACX?	Y7 Dummy	Chest Acceleration X	1.0
??CHST0000Y7ACY?	Y7 Dummy	Chest Acceleration Y	1.0
??CHST0000Y7ACZ?	Y7 Dummy	Chest Acceleration Z	1.0
??CHST0000Y7DSX?	Y7 Dummy	Chest Displacement X	1.0
??CHST0000Y7VEX?	Y7 Dummy	Chest Velocity X	1.0
??STRNLO00Y7ACX?	Y7 Dummy	Sternum Lower Acceleration X	1.0
??STRNLO00Y7DSX?	Y7 Dummy	Sternum Lower Displacement X	1.0
??STRNUP00Y7ACX?	Y7 Dummy	Sternum Upper Acceleration X	1.0
??STRNUP00Y7DSX?	Y7 Dummy	Sternum Upper Displacement X	1.0
??LUSP0000Y7FOX?	Y7 Dummy	Lumbar Spine Force X	1.0
??LUSP0000Y7FOY?	Y7 Dummy	Lumbar Spine Force Y	1.0
??LUSP0000Y7FOZ?	Y7 Dummy	Lumbar Spine Force Z	1.0
??LUSP0000Y7MOX?	Y7 Dummy	Lumbar Spine Moment X	1.0
??LUSP0000Y7MOY?	Y7 Dummy	Lumbar Spine Moment Y	1.0
??LUSP0000Y7MOZ?	Y7 Dummy	Lumbar Spine Moment Z	1.0

Possible Channels

Y7 Dummy

Code	Description	Remarks	Valid since Version
??PELV0000Y7ACR?	Y7 Dummy Pelvis Acceleration Resultant		1.0
??PELV0000Y7ACX?	Y7 Dummy Pelvis Acceleration X		1.0
??PELV0000Y7ACY?	Y7 Dummy Pelvis Acceleration Y		1.0
??PELV0000Y7ACZ?	Y7 Dummy Pelvis Acceleration Z		1.0
??ILACLE00Y7FOX?	Y7 Dummy Iliac Left Force X		1.0
??ILACRI00Y7FOX?	Y7 Dummy Iliac Right Force X		1.0
??FEMRLE00Y7FOZ?	Y7 Dummy Femur Left Force Z		1.0
??FEMRLEDUY7FOZ?	Y7 Dummy Femur Left Duration Force Z		1.0
??FEMRLEUPY7FOX?	Y7 Dummy Femur Left Upper Force X		1.0
??FEMRLEUPY7FOY?	Y7 Dummy Femur Left Upper Force Y		1.0
??FEMRLEUPY7FOZ?	Y7 Dummy Femur Left Upper Force Z		1.0
??FEMRLEUPY7MOX?	Y7 Dummy Femur Left Upper Moment X		1.0
??FEMRLEUPY7MOY?	Y7 Dummy Femur Left Upper Moment Y		1.0
??FEMRLEUPY7MOZ?	Y7 Dummy Femur Left Upper Moment Z		1.0
??FEMRRI00Y7FOZ?	Y7 Dummy Femur Right Force Z		1.0
??FEMRRIDUY7FOZ?	Y7 Dummy Femur Right Duration Force Z		1.0
??FEMRRIUPY7FOX?	Y7 Dummy Femur Right Upper Force X		1.0
??FEMRRIUPY7FOY?	Y7 Dummy Femur Right Upper Force Y		1.0
??FEMRRIUPY7FOZ?	Y7 Dummy Femur Right Upper Force Z		1.0
??FEMRRIUPY7MOX?	Y7 Dummy Femur Right Upper Moment X		1.0
??FEMRRIUPY7MOY?	Y7 Dummy Femur Right Upper Moment Y		1.0
??FEMRRIUPY7MOZ?	Y7 Dummy Femur Right Upper Moment Z		1.0
??VCCR0000Y7VE0?	Y7 Dummy Chest Viscous Criterion		1.2
??VCCRLO00Y7VE0?	Y7 Dummy Sternum Viscous Criterion Lower		1.2
??VCCRUP00Y7VE0?	Y7 Dummy Sternum Viscous Criterion Upper		1.2

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PAACX?	Pedestrian	Head Form Adult Acceleration X	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PAACY?	Pedestrian	Head Form Adult Acceleration Y	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PAACZ?	Pedestrian	Head Form Adult Acceleration Z	1.4

ISO/TS 13499 - RED B : 2007 E

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PAACR?	Pedestrian	Head Form Adult Acceleration Resultant	1.4

Possible Channels**Pedestrian**

Code	Description	Remarks	Valid since Version
D?HICR0015PA00R?	Pedestrian Head Injury Criterion Pedestrian Adult Headform		1.4

ISO/TS 13499 - RED B : 2007 E

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PBACX?	Pedestrian	Head Form ACEA Acceleration X	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PBACY?	Pedestrian Head Form ACEA Acceleration Y		1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PBACZ?	Pedestrian	Head Form ACEA Acceleration Z	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PBACR?	Pedestrian	Head Form ACEA Acceleration Resultant	1.4

ISO/TS 13499 - RED B : 2007 E

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HICR0015PB00R?	Pedestrian Head Injury Criterion Pedestrian ACEA Headform		1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PCACX?	Pedestrian	Head Form Child Acceleration X	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PCACY?	Pedestrian	Head Form Child Acceleration Y	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PCACZ?	Pedestrian	Head Form Child Acceleration Z	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PCACR?	Pedestrian Head Form Child Acceleration Resultant		1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HICR0015PC00R?	Pedestrian	Head Injury Criterion Pedestrian Child Headform	1.4

ISO/TS 13499 - RED B : 2007 E

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PJACX?	Pedestrian	Head Form JARI Acceleration X	1.4

Possible Channels

Pedestrian

Code	Description	Remarks	Valid since Version
D?HEAD0000PJACY?	Pedestrian	Head Form JARI Acceleration Y	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PJACZ?	Pedestrian	Head Form JARI Acceleration Z	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PJACR?	Pedestrian	Head Form JARI Acceleration Resultant	1.4

ISO/TS 13499 - RED B : 2007 E

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HICR0015PJ00R?	Pedestrian Head Injury Criterion Pedestrian JARI Headform		1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PSACX?	Pedestrian	Head Form JARI Child Acceleration X	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PSACY?	Pedestrian	Head Form JARI Child Acceleration Y	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?HEAD0000PSACZ?	Pedestrian	Head Form JARI Child Acceleration Z	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?HEAD0000PSACR?	Pedestrian	Head Form JARI Child Acceleration Resultant	1.4

Possible Channels**Pedestrian**

Code	Description	Remarks	Valid since Version
D?HICR0015PS00R?	Pedestrian	Head Injury Criterion Pedestrian JARI Child Headform	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?FEMRUP00PUFOX?	Pedestrian	Upper Femur Force X	1.4

Possible Channels

Pedestrian

Code	Description	Remarks	Valid since Version
D?FEMRLO00PUFOX?	Pedestrian Lower Femur Force X		1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?FEMRSU00PUFOX?	Pedestrian	Sum of Femur Force X	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?FEMRSU00PUFOX?	Pedestrian	Sum of Femur Force Pedestrian Impactor	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?FEMRUP??PUMOY?	Pedestrian	Femur Bending Moment Upper Pedestrian Impactor	1.4

Possible Channels**Pedestrian**

Code	Description	Remarks	Valid since Version
D?FEMRMI??PUMOY?	Pedestrian	Femur Bending Moment Middle Pedestrian Impactor	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?FEMRLO??PUMOY?	Pedestrian	Femur Bending Moment Lower Pedestrian Impactor	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?FEMRUP00PUMOY?	Pedestrian	Upper Bending Moment Y	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?FEMRMI00PUMOY?	Pedestrian	Middle Bending Moment Y	1.4

Possible Channels			Pedestrian	
Code	Description		Remarks	Valid since Version
D?FEMRLO00PUMOY?	Pedestrian	Lower Bending Moment Y		1.4

ISO/TS 13499 - RED B : 2007 E

Possible Channels

			Pedestrian	
Code	Description		Remarks	Valid since Version
D?KNEE00??PLDSX?	Pedestrian	Knee Shear Displacement Pedestrian Impactor Legform		1.4
D?KNEE0000PLDSX?	Pedestrian	Knee Shear Displacement X	calculated from: D?FEMR0000PLANYS	1.4

Possible Channels**Pedestrian**

Code	Description	Remarks	Valid since Version
D?KNEE00??PLANY?	Pedestrian	Knee Bending Angle Pedestrian Impactor Legform	1.4

Possible Channels

Pedestrian

Code	Description		Remarks	Valid since Version
D?FEMR0000PLANY?	Pedestrian	Bending Angle Femur Y	needed for shear displacement calculation: D?KNEE0000PLDSXC	1.4

Possible Channels

Pedestrian

Code	Description		Remarks	Valid since Version
D?KNEE0000PLANY?	Pedestrian	Knee Angle Y	calculated from: D?TIBI0000PLANYC	1.4

Possible Channels			Pedestrian
Code	Description		Valid since Version
D?TIBI0000PLACX?	Pedestrian	Tibia Acceleration X	1.4

Possible Channels			Pedestrian
Code	Description	Remarks	Valid since Version
D?TIBI00??PLACX?	Pedestrian	Tibia Acceleration Pedestrian Impactor Legform	1.4

Possible Channels

Pedestrian

Code	Description		Remarks	Valid since Version
D?TIBI0000PLANY?	Pedestrian	Tibia Angle Measurement Y	needed for calculation of effective knee bending angle: D?KNEE0000PLANYC	1.4

Possible Channels**Pedestrian**

Code	Description	Remarks	Valid since Version
D0FEMR0000PLANX?	Pedestrian	Femur Angle X	1.5
D0FEMR0000PLANY?	Pedestrian	Femur Angle Y	1.5
D0FEMR0000PLANZ?	Pedestrian	Femur Angle Z	1.5
D0FEMR0000PLDSX?	Pedestrian	Femur Displacement X	1.5
D0FEMR0000PLDSY?	Pedestrian	Femur Displacement Y	1.5
D0FEMR0000PLDSZ?	Pedestrian	Femur Displacement Z	1.5
D0FEMR0001PLANY?	Pedestrian	Flightpath Angle - Longitudinal Plane XZ	1.5
D0FEMR0001PLANZ?	Pedestrian	Flightpath Angle - Longitudinal Plane XY	1.5
D0FEMRUP00PLVDX?	Pedestrian	Impact Velocity	1.5
D0KNEE0000PLANY?	Pedestrian	Bending Angle Effective	1.5
D0TIBIUP00PLACX?	Pedestrian	Tibia Acceleration X	1.5
D0TIBIUP00PLANY?	Pedestrian	Bending Angle Tibia	1.5
D0TIBIUP00PLDSX?	Pedestrian	Indentation at hit Point	1.5

Possible Channels

Vehicle

Code	Description	Remarks	Valid since Version
??ABSE???????????	Vehicle	Airbag Sensor	1.1
??AIRB???????????	Vehicle	Airbag	1.1
??BAFI???????????	Vehicle	Belt Anchor Fitting	1.5
??BCKL???????????	Vehicle	Buckle	1.0
??BLOK???????????	Vehicle	Belt Lock	1.0
??BLOP???????????	Vehicle	Belt Loop	1.0
??FREN???????????	Vehicle	Frontend	1.1
??HERE???????????	Vehicle	Head Restraint	1.0
??KNBO???????????	Vehicle	Knee Bolster	1.1
??LOLI????B1?????	Vehicle	Load Limiter at Retractor	1.5
??LOLI????B2?????	Vehicle	Load Limiter at Belt Loop	1.5
??LOLI????B4?????	Vehicle	Load Limiter at Buckle	1.5
??LOLI????B6?????	Vehicle	Load Limiter at Belt Anchor Fitting	1.5
??PRET???????????	Vehicle	Pretentioner	1.0
??PRET????B1?????	Vehicle	Pretentioner at Retractor	1.5
??PRET????B2?????	Vehicle	Pretentioner at Beltloop	1.5
??PRET????B4?????	Vehicle	Pretentioner at Buckle	1.5
??PRET????B6?????	Vehicle	Pretentioner at Belt Anchor Fitting	1.5
??RETR???????????	Vehicle	Retractor	1.0
??SBHA????B1?????	Vehicle	Seatbelt Hight Adjuster	1.5
??SEAD???????????	Vehicle	Seat Adjustor	1.0
??SEAT???????????	Vehicle	Seat	1.0
??SEBA???????????	Vehicle	Seat Back	1.0
??SEBE????B1?????	Vehicle	Seat Belt at Retractor	1.0
??SEBE????B2?????	Vehicle	Seat Belt Below Belt Loop	1.0
??SEBE????B3?????	Vehicle	Seat Belt at Upper Diagonal Belt	1.0
??SEBE????B4?????	Vehicle	Seat Belt at Lower Diagonal Belt	1.0
??SEBE????B5?????	Vehicle	Seat Belt at Lap Belt InSide	1.0
??SEBE????B6?????	Vehicle	Seat Belt at Lap Belt OutSide	1.0
??SEFR???????????	Vehicle	Seat Frame	1.0
??SETR???????????	Vehicle	Seat Track	1.0
??TAIL???????????	Vehicle	Tail	1.5
?0BATT???????????	Vehicle	Battery	1.0
?0CEUN???????????	Vehicle	Central Unit	1.0
?0DIFF???????????	Vehicle	Differential	1.0
?0ENGN???????????	Vehicle	Engine	1.0
?0FULT???????????	Vehicle	Fuel Tank	1.0
?0GENR???????????	Vehicle	Generator	1.0
?0INSW???????????	Vehicle	Inertia Swich	1.0
?0PEAC???????????	Vehicle	Pedal Accelerator	1.0
?0PEBR???????????	Vehicle	Pedal Brake	1.0
?0PECL???????????	Vehicle	Pedal Clutch	1.0
?0STAR???????????	Vehicle	Starter	1.0
?0STCM???????????	Vehicle	Steering Column Mount	1.1
?0STCO???????????	Vehicle	Steering Column	1.1
?0STCS???????????	Vehicle	Steering Column Suspension	1.1
?0STWH???????????	Vehicle	Steering Wheel Hub	1.1
?0STWL???????????	Vehicle	Steering Wheel	1.1
?0TRAN???????????	Vehicle	Transmission	1.0
?0VEHC???????????	Vehicle	Vehicle	1.0

Possible Channels

Vehicle

Code	Description	Remarks	Valid since Version
?1APIL???????????	Vehicle	A-Pillar Left	1.1
?1BUSY???????????	Vehicle	Bumper System Front Left	1.1
?1DOOR???????????	Vehicle	Door Front Left	1.1
?1FEND???????????	Vehicle	Fender Front Left	1.1
?1LAMP???????????	Vehicle	Headlamp Left	1.1
?1LOCK???????????	Vehicle	Lock Front Left	1.1
?1LOS???????????	Vehicle	Locking System Front Left	1.1
?1SUDO???????????	Vehicle	Suspension Dome Front Left	1.1
?1SUHO???????????	Vehicle	Suspension Housing Front Left	1.1
?1WARC???????????	Vehicle	Wheel Arch Front Left	1.2
?1WHEL???????????	Vehicle	Wheel Front Left	1.1
?1WIND???????????	Vehicle	Window Front Left	1.1
?2AXLE???????????	Vehicle	Axle Front	1.1
?2BUMP???????????	Vehicle	Bumper Front	1.1
?2CCBE???????????	Vehicle	Cross Car Beam	1.1
?2DASB???????????	Vehicle	Dash Board	1.1
?2DASH???????????	Vehicle	Dash Panel	1.1
?2DOOR???????????	Vehicle	Hood / Door Front	1.1
?2LOCK???????????	Vehicle	Lock Front	1.1
?2LOS???????????	Vehicle	Locking System Front	1.1
?2ROFR???????????	Vehicle	Roof Frame Front	1.1
?2SLMB???????????	Vehicle	Slam Beam	1.2
?2WIND???????????	Vehicle	Window Front	1.1
?3APIL???????????	Vehicle	A-Pillar Right	1.1
?3BUSY???????????	Vehicle	Bumper System Front Right	1.1
?3DOOR???????????	Vehicle	Door Front Right	1.1
?3FEND???????????	Vehicle	Fender Front Right	1.1
?3LAMP???????????	Vehicle	Headlamp Right	1.1
?3LOCK???????????	Vehicle	Lock Front Right	1.1
?3LOS???????????	Vehicle	Locking System Front Right	1.1
?3SUDO???????????	Vehicle	Suspension Dome Front Right	1.1
?3SUHO???????????	Vehicle	Suspension Housing Front Right	1.1
?3WARC???????????	Vehicle	Wheel Arch Front Right	1.2
?3WHEL???????????	Vehicle	Wheel Front Right	1.1
?3WIND???????????	Vehicle	Window Front Right	1.1
?4BPIL???????????	Vehicle	B-Pillar Left	1.1
?4DOOR???????????	Vehicle	Door Rear Left	1.1
?4LOCK???????????	Vehicle	Lock Rear Left	1.1
?4LOS???????????	Vehicle	Locking System Rear Left	1.1
?4ROFR???????????	Vehicle	Roof Frame Left	1.1
?4RORA???????????	Vehicle	Roof Rack Left	1.1
?4SILB???????????	Vehicle	Sill Beam Left	1.1
?4SIME???????????	Vehicle	Side Member Left	1.1
?4WIND???????????	Vehicle	Window Rear Left	1.1
?5CRME???????????	Vehicle	Cross Member	1.1
?5ROOF???????????	Vehicle	Roof	1.1
?5TUNN???????????	Vehicle	Tunnel	1.1
?6BPIL???????????	Vehicle	B-Pillar Right	1.1
?6DOOR???????????	Vehicle	Door Rear Right	1.1
?6LOCK???????????	Vehicle	Lock Rear Right	1.1

Possible Channels

Vehicle

Code	Description	Remarks	Valid since Version
?6LOS Y???????????	Vehicle	Locking System Rear Right	1.1
?6ROFR???????????	Vehicle	Roof Frame Right	1.1
?6RORA???????????	Vehicle	Roof Rack Right	1.1
?6SILB???????????	Vehicle	Sill Beam Right	1.1
?6SIME???????????	Vehicle	Side Member Right	1.1
?6WIND???????????	Vehicle	Window Rear	1.1
?7BUSY???????????	Vehicle	Bumper System Rear Left	1.1
?7CPIL???????????	Vehicle	C-Pillar Left	1.1
?7DPIL???????????	Vehicle	D-Pillar Left	1.1
?7FEND???????????	Vehicle	Fender Rear Left	1.1
?7LAMP???????????	Vehicle	Taillight Left	1.1
?7SUDO???????????	Vehicle	Suspension Dome Rear Left	1.1
?7SUHO???????????	Vehicle	Suspension Housing Rear Left	1.1
?7WARC???????????	Vehicle	Wheel Arch Rear Left	1.2
?7WHEL???????????	Vehicle	Wheel Rear Left	1.1
?8AXLE???????????	Vehicle	Axle Rear	1.1
?8BUMP???????????	Vehicle	Bumper Rear	1.1
?8DOOR???????????	Vehicle	Tailgate / Door backSide	1.1
?8FORA???????????	Vehicle	Floor over Rear Axle	1.1
?8LOCK???????????	Vehicle	Lock Rear	1.1
?8LOS Y???????????	Vehicle	Locking System Rear	1.1
?8ROFR???????????	Vehicle	Roof Frame Rear	1.1
?8WIND???????????	Vehicle	Window Rear Right	1.1
?9BUSY???????????	Vehicle	Bumper System Rear Right	1.1
?9CPIL???????????	Vehicle	C-Pillar Right	1.1
?9DPIL???????????	Vehicle	D-Pillar Right	1.1
?9FEND???????????	Vehicle	Fender Rear Right	1.1
?9LAMP???????????	Vehicle	Taillight Right	1.1
?9SUDO???????????	Vehicle	Suspension Dome Rear Right	1.1
?9SUHO???????????	Vehicle	Suspension Housing Rear Right	1.1
?9WARC???????????	Vehicle	Wheel Arch Rear Right	1.2
?9WHEL???????????	Vehicle	Wheel Rear Right	1.1
B?0000???????????	Vehicle	Fixed Barrier	Fixed Barrier exists as Object and Main Loc. 1.2

Possible Channels

Airbag

Code	Description	Remarks	Valid since Version
??BUMP????AP????	Airbag	Bumper Airbag	1.5
??BUMP????GP????	Airbag	Bumper Airbag Inflator / Generator	1.5
??DASH????AF????	Airbag	Dashboard Airbag	1.5
??DASH????GF????	Airbag	Dashboard Airbag Inflator / Generator	1.5
??DOOR????AH????	Airbag	Door Head Airbag	1.5
??DOOR????AS????	Airbag	Door Side Airbag	1.5
??DOOR????GH????	Airbag	Door Head Airbag Inflator / Generator	1.5
??DOOR????GS????	Airbag	Door Side Airbag Inflator / Generator	1.5
??FOWE????AF????	Airbag	Footwell Airbag	1.5
??FOWE????GF????	Airbag	Footwell Airbag Inflator / Generator	1.5
??HERE????AR????	Airbag	Head Rest Rear Airbag	1.5
??HERE????GR????	Airbag	Head Rest Rear Airbag Inflator/Generator	1.5
??HOOD????AP????	Airbag	Hood Airbag	1.5
??HOOD????GP????	Airbag	Hood Airbag Inflator / Generator	1.5
??KNBO????AF????	Airbag	Knee Bolster Airbag	1.5
??KNBO????GF????	Airbag	Knee Bolster Airbag Inflator / Generator	1.5
??ROFR????AH????	Airbag	Roof Frame Head Airbag	1.5
??ROFR????GH????	Airbag	Roof Frame Head Airbag Inflator / Generator	1.5
??SEBA????AF????	Airbag	Seat Back Knee Airbag	1.5
??SEBA????GF????	Airbag	Seat Back Knee Airbag Inflator / Generator	1.5
??SEBE????AF????	Airbag	Seat Belt Airbag	1.5
??SEBE????GF????	Airbag	Seat Belt Airbag Inflator /Generator	1.5
??SEPN????AS????	Airbag	Seat Pan Side Airbag	1.5
??SEPN????GS????	Airbag	Seat Pan Side Airbag Inflator /Generator	1.5
??STWL????AF????	Airbag	Steering Wheel Airbag	1.5
??STWL????GF????	Airbag	Steering Whee Airbag Inflator / Generator	1.5

ISO/TS 13499 - RED B : 2007 E

Possible Channels

Calculation

Code	Description	Remarks	Valid since Version
??AACP??????000?	Calculation	Average Acc. During Compresion Phase	1.3
??HEAD??XC??TI0?	Calculation	Time Range for Acceleration Level, Cumulative	1.4
??HEAD??XS??TI0?	Calculation	Time Range for Acceleration Level, Single Peak	1.4
??NCAP??????000?	Calculation	USNCAP, Combined probability	1.3
??HEAD003C??ACR?	Calculation	Head Acc. Resultant, 3ms Value, Cumulative	1.3
??HEAD003C??ACX?	Calculation	Head Acc. X, 3ms Value, Cumulative	1.3
??HEAD003C??ACY?	Calculation	Head Acc. Y, 3ms Value, Cumulative	1.3
??HEAD003C??ACZ?	Calculation	Head Acc. Z, 3ms Value, Cumulative	1.3
??HEAD003S??ACR?	Calculation	Head Acc. Resultant, 3ms Value, Single Peak	1.3
??HEAD003S??ACX?	Calculation	Head Acc. X, 3ms Value, Single Peak	1.3
??HEAD003S??ACY?	Calculation	Head Acc. Y, 3ms Value, Single Peak	1.3
??HEAD003S??ACZ?	Calculation	Head Acc. Z, 3ms Value, Single Peak	1.3
??NECKIPCO??FOZ?	Calculation	Neck Compression, In Position	1.4
??NECKIPTN??FOZ?	Calculation	Neck Tension, In Position	1.4
??NECKOPCO??FOZ?	Calculation	Neck Compression, OOP	1.4
??NECKOPTN??FOZ?	Calculation	Neck Tension, OOP	1.4
??SPIN013C??ACR?	Calculation	Spine T1 Acc. Resultant, 3ms Value, Cumulative	1.3
??SPIN013C??ACX?	Calculation	Spine T1 Acc. X, 3ms Value, Cumulative	1.3
??SPIN013C??ACY?	Calculation	Spine T1 Acc. Y, 3ms Value, Cumulative	1.3
??SPIN013C??ACZ?	Calculation	Spine T1 Acc. Z, 3ms Value, Cumulative	1.3
??SPIN013S??ACR?	Calculation	Spine T1 Acc. Resultant, 3ms Value, Single Peak	1.3
??SPIN013S??ACX?	Calculation	Spine T1 Acc. X, 3ms Value, Single Peak	1.3
??SPIN013S??ACY?	Calculation	Spine T1 Acc. Y, 3ms Value, Single Peak	1.3
??SPIN013S??ACZ?	Calculation	Spine T1 Acc. Z, 3ms Value, Single Peak	1.3
??SPIN123C??ACR?	Calculation	Spine T12 Acc. Resultant, 3ms Value, Cumulative	1.3
??SPIN123C??ACX?	Calculation	Spine T12 Acc. X, 3ms Value, Cumulative	1.3
??SPIN123C??ACY?	Calculation	Spine T12 Acc. Y, 3ms Value, Cumulative	1.3
??SPIN123C??ACZ?	Calculation	Spine T12 Acc. Z, 3ms Value, Cumulative	1.3
??SPIN123S??ACR?	Calculation	Spine T12 Acc. Resultant, 3ms Value, Single Peak	1.3
??SPIN123S??ACX?	Calculation	Spine T12 Acc. X, 3ms Value, Single Peak	1.3
??SPIN123S??ACY?	Calculation	Spine T12 Acc. Y, 3ms Value, Single Peak	1.3
??SPIN123S??ACZ?	Calculation	Spine T12 Acc. Z, 3ms Value, Single Peak	1.3
??CHST003C??ACR?	Calculation	Chest Acc. Resultant, 3ms Value, Cumulative	1.3
??CHST003C??ACX?	Calculation	Chest Acc. X, 3ms Value, Cumulative	1.3
??CHST003C??ACY?	Calculation	Chest Acc. Y, 3ms Value, Cumulative	1.3
??CHST003C??ACZ?	Calculation	Chest Acc. Z, 3ms Value, Cumulative	1.3
??CHST003S??ACR?	Calculation	Chest Acc. Resultant, 3ms Value, Single Peak	1.3
??CHST003S??ACX?	Calculation	Chest Acc. X, 3ms Value, Single Peak	1.3
??CHST003S??ACY?	Calculation	Chest Acc. Y, 3ms Value, Single Peak	1.3
??CHST003S??ACZ?	Calculation	Chest Acc. Z, 3ms Value, Single Peak	1.3
??PELV003C??ACR?	Calculation	Pelvis Acc. Resultant, 3ms Value, Cumulative	1.3
??PELV003C??ACX?	Calculation	Pelvis Acc. X, 3ms Value, Cumulative	1.3
??PELV003C??ACY?	Calculation	Pelvis Acc. Y, 3ms Value, Cumulative	1.3
??PELV003C??ACZ?	Calculation	Pelvis Acc. Z, 3ms Value, Cumulative	1.3

Possible Channels

Calculation

Code	Description	Remarks	Valid since Version
??PELV003S??ACR?	Calculation	Pelvis Acc. Resultant, 3ms Value, Single Peak	1.3
??PELV003S??ACX?	Calculation	Pelvis Acc. X, 3ms Value, Single Peak	1.3
??PELV003S??ACY?	Calculation	Pelvis Acc. Y, 3ms Value, Single Peak	1.3
??PELV003S??ACZ?	Calculation	Pelvis Acc. Z, 3ms Value, Single Peak	1.3
??PUBC003C??FOY?	Calculation	Pubic Force Y, 3ms Value, Cumulative	1.3
??PUBC003S??FOY?	Calculation	Pubic Force Y, 3ms Value, Single Peak	1.3
??KNSLLE????DSX?	Calculation	Knee Displacement, Left	1.3
??KNSLRI????DSX?	Calculation	Knee Displacement, Right	1.3
??HICR0000??00R?	Calculation	Head Injury Criterion (infinite time interval)	1.3
??HICR0015??00R?	Calculation	Head Injury Criterion (15ms time interval)	1.3
??HICR0036??00R?	Calculation	Head Injury Criterion (36ms time interval)	1.3
??HICR00HDFH00R?	Calculation	Head Injury Criterion (Free Motion Headform)	1.3
??HACR0000??00R?	Calculation	Head Acceptability Criterion	1.3
??HPCR0036??00R?	Calculation	Head Protection Criterion (HIC36)	1.3
??HECD0000??00R?	Calculation	Head Contact Criterion	1.3
??NICFCUDN??00X?	Calculation	NIC, Load Duration Negative X, Cumulative	1.3
??NICFCUDN??00Z?	Calculation	NIC, Load Duration Negative Z, Cumulative	1.3
??NICFCUDP??00X?	Calculation	NIC, Load Duration Positive X, Cumulative	1.3
??NICFCUDP??00Z?	Calculation	NIC, Load Duration Positive Z, Cumulative	1.3
??NICFCUDU??00X?	Calculation	NIC, Load Duration of Loading X, Cumulative	1.3
??NICFCUDU??00Z?	Calculation	NIC, Load Duration of Loading Z, Cumulative	1.3
??NICFSPDN??00X?	Calculation	NIC, Load Duration Negative X, Single Peak	1.3
??NICFSPDN??00Z?	Calculation	NIC, Load Duration Negative Z, Single Peak	1.3
??NICFSPDP??00X?	Calculation	NIC, Load Duration Positive X, Single Peak	1.3
??NICFSPDP??00Z?	Calculation	NIC, Load Duration Positive Z, Single Peak	1.3
??NICFSPDU??00X?	Calculation	NIC, Load Duration of Loading X, Single Peak	1.3
??NICFSPDU??00Z?	Calculation	NIC, Load Duration of Loading Z, Single Peak	1.3
??NICR00FI??00X?	Calculation	NIC Rear, Fixed Interval 150ms	1.3
??NICR00SI??00X?	Calculation	NIC Rear, Selected Interval	1.3
??NIEFCUDN??00X?	Calculation	NIC EuroNCAP, Load Duration Negative X, Cumulative	1.4
??NIEFCUDP??00X?	Calculation	NIC EuroNCAP, Load Duration Positive X, Cumulative	1.4
??NIEFCUDP??00Z?	Calculation	NIC EuroNCAP, Load Duration Positive Z, Cumulative	1.4
??NIJCIPCE??00Y?	Calculation	Nce, In Position, Neck Injury Criterion	1.3
??NIJCIPCF??00Y?	Calculation	Ncf, In Position, Neck Injury Criterion	1.3
??NIJCIPTE??00Y?	Calculation	Nte, In Position, Neck Injury Criterion	1.3
??NIJCIPTF??00Y?	Calculation	Ntf, In Position, Neck Injury Criterion	1.3
??NIJCOPCE??00Y?	Calculation	Nce, OOP, Neck Injury Criterion	1.3
??NIJCOPCF??00Y?	Calculation	Ncf, OOP, Neck Injury Criterion	1.3
??NIJCOPTE??00Y?	Calculation	Nte, OOP, Neck Injury Criterion	1.3
??NIJCOPTF??00Y?	Calculation	Ntf, OOP, Neck Injury Criterion	1.3
??TMONLONE??MOX?	Calculation	Neck Lower Total Moment X, Negative	1.3
??TMONLONE??MOY?	Calculation	Neck Lower Total Moment Y, Negative	1.3
??TMONLONE??MOZ?	Calculation	Neck Lower Total Moment Z, Negative	1.3
??TMONLOPO??MOX?	Calculation	Neck Lower Total Moment X, Positive	1.3
??TMONLOPO??MOY?	Calculation	Neck Lower Total Moment Y, Positive	1.3
??TMONLOPO??MOZ?	Calculation	Neck Lower Total Moment Z, Positive	1.3

Possible Channels

Calculation

Code	Description	Remarks	Valid since Version
??TMONUPNE??MOX?	Calculation	Neck Upper Total Moment X, Negative	1.3
??TMONUPNE??MOY?	Calculation	Neck Upper Total Moment Y, Negative	1.3
??TMONUPNE??MOZ?	Calculation	Neck Upper Total Moment Z, Negative	1.3
??TMONUPPO??MOX?	Calculation	Neck Upper Total Moment X, Positive	1.3
??TMONUPPO??MOY?	Calculation	Neck Upper Total Moment Y, Positive	1.3
??TMONUPPO??MOZ?	Calculation	Neck Upper Total Moment Z, Positive	1.3
??VCCR0000??VEX?	Calculation	Viscous Criterion Chest	1.3
??VCCRLE01??VEY?	Calculation	Viscous Criterion Left Chest Rib 01	1.3
??VCCRLE02??VEY?	Calculation	Viscous Criterion Left Chest Rib 02	1.3
??VCCRLE03??VEY?	Calculation	Viscous Criterion Left Chest Rib 03	1.3
??VCCRLELO??VEY?	Calculation	Viscous Criterion Left Chest Rib Lower	1.3
??VCCRLEMI??VEY?	Calculation	Viscous Criterion Left Chest Rib Middle	1.3
??VCCRLEUP??VEY?	Calculation	Viscous Criterion Left Chest Rib Upper	1.3
??VCCRLO00??VEX?	Calculation	Viscous Criterion Chest Lower X	1.3
??VCCRRI01??VEY?	Calculation	Viscous Criterion Right Chest Rib 01	1.3
??VCCRRI02??VEY?	Calculation	Viscous Criterion Right Chest Rib 02	1.3
??VCCRRI03??VEY?	Calculation	Viscous Criterion Right Chest Rib 03	1.3
??VCCRRILO??VEY?	Calculation	Viscous Criterion Right Chest Rib Lower	1.3
??VCCRRI MI??VEY?	Calculation	Viscous Criterion Right Chest Rib Middle	1.3
??VCCRRIUP??VEY?	Calculation	Viscous Criterion Right Chest Rib Upper	1.3
??VCCRUP00??VEX?	Calculation	Viscous Criterion Chest Upper X	1.3
??VCAR0000??VEX?	Calculation	Viscous Criterion Abdomen	1.3
??VCARLE01??VEY?	Calculation	Viscous Criterion Left Abdomen Rib 01	1.3
??VCARLE02??VEY?	Calculation	Viscous Criterion Left Abdomen Rib 02	1.3
??VCARLELO??VEY?	Calculation	Viscous Criterion Left Abdomen Rib Lower	1.3
??VCARLEUP??VEY?	Calculation	Viscous Criterion Left Abdomen Rib Upper	1.3
??VCARRI01??VEY?	Calculation	Viscous Criterion Right Abdomen Rib 01	1.3
??VCARRI02??VEY?	Calculation	Viscous Criterion Right Abdomen Rib 02	1.3
??VCARRILO??VEY?	Calculation	Viscous Criterion Right Abdomen Rib Lower	1.3
??VCARRIUP??VEY?	Calculation	Viscous Criterion Right Abdomen Rib Upper	1.3
??TTIN0000??ACY?	Calculation	TTI, Thoracic Trauma Index	1.3
??THAC00?C??ACR?	Calculation	Thoracic Accept. Crit. Result. Xms Cumulative	1.4
??THAC00?C??ACR?	Calculation	?ms Thoracic Resultant Accept. Crit., Cumulative	1.4
??THAC00?C??ACX?	Calculation	?ms Thoracic Accept. Crit. X, Cumulative	1.4
??THAC00?C??ACY?	Calculation	?ms Thoracic Accept. Crit. Y, Cumulative	1.4
??THAC00?C??ACZ?	Calculation	?ms Thoracic Accept. Crit. Z, Cumulative	1.4
??THAC00?S??ACR?	Calculation	?ms Thoracic Result. Accept. Crit. , Single Peak	1.4
??THAC00?S??ACX?	Calculation	?ms Thoracic Accept. Crit. X, Single Peak	1.4
??THAC00?S??ACY?	Calculation	?ms Thoracic Accept. Crit. Y, Single Peak	1.4
??THAC00?S??ACZ?	Calculation	?ms Thoracic Accept. Crit. Z, Single Peak	1.4
??THAC003C??ACR?	Calculation	Thoracic Accept. Crit. Resultant, 3ms, Cumulative	1.4
??THAC003C??ACX?	Calculation	Thoracic Accept. Crit. X, 3ms, Cumulative	1.4
??THAC003C??ACY?	Calculation	Thoracic Accept. Crit. Y, 3ms, Cumulative	1.4
??THAC003C??ACZ?	Calculation	Thoracic Accept. Crit. Z, 3ms, Cumulative	1.4
??THAC003S??ACR?	Calculation	Thoracic Accept. Crit. Resultant, 3ms, Single Peak	1.4
??THAC003S??ACX?	Calculation	Thoracic Accept. Crit. X, 3ms, Single Peak	1.4
??THAC003S??ACY?	Calculation	Thoracic Accept. Crit. Y, 3ms, Single Peak	1.4

Possible Channels

Calculation

Code	Description	Remarks	Valid since Version
??THAC003S??ACZ?	Calculation	Thoracic Accept. Crit. Z, 3ms, Single Peak	1.4
??CTIN0000??000?	Calculation	Combined Thoracic Index	1.3
??TCCR0000??DSX?	Calculation	Thoracic Compression Criterion	1.3
??THCC0000??DSX?	Calculation	Thoracic Compression Criterion	1.4
??CHSI0000??00R?	Calculation	Severity Index Chest	1.3
??RDCRLE01??DSY?	Calculation	Rib Deflection Criterion Left Chest 01	1.3
??RDCRLE02??DSY?	Calculation	Rib Deflection Criterion Left Chest 02	1.3
??RDCRLE03??DSY?	Calculation	Rib Deflection Criterion Left Chest 03	1.3
??RDCRLELO??DSY?	Calculation	Rib Deflection Criterion Left Chest Lower	1.3
??RDCRLEMI??DSY?	Calculation	Rib Deflection Criterion Left Chest Middle	1.3
??RDCRLEMI??DSY?	Calculation	Rib Deflection Criterion Left Chest Middle	1.3
??RDCRLEUP??DSY?	Calculation	Rib Deflection Criterion Left Chest Upper	1.3
??RDCRRI01??DSY?	Calculation	Rib Deflection Criterion Right Chest 01	1.3
??RDCRRI02??DSY?	Calculation	Rib Deflection Criterion Right Chest 02	1.3
??RDCRRI03??DSY?	Calculation	Rib Deflection Criterion Right Chest 03	1.3
??RDCRRILO??DSY?	Calculation	Rib Deflection Criterion Right Chest Lower	1.3
??RDCRRI MI??DSY?	Calculation	Rib Deflection Criterion, Right Chest Middle	1.3
??RDCRRIUP??DSY?	Calculation	Rib Deflection Criterion Right Chest Upper	1.3
??RDARLE01??VEY?	Calculation	Rib Deflection Criterion Left Abdomen 01	1.3
??RDARLE02??VEY?	Calculation	Rib Deflection Criterion Left Abdomen 02	1.3
??RDARLELO??VEY?	Calculation	Rib Deflection Criterion Left Abdomen Lower	1.3
??RDARLEUP??VEY?	Calculation	Rib Deflection Criterion Left Abdomen Upper	1.3
??RDARRI01??VEY?	Calculation	Rib Deflection Criterion Right Abdomen 01	1.3
??RDARRI02??VEY?	Calculation	Rib Deflection Criterion Right Abdomen 02	1.3
??RDARRILO??VEY?	Calculation	Rib Deflection Criterion Right Abdomen Lower	1.3
??RDARRIUP??VEY?	Calculation	Rib Deflection Criterion Right Abdomen Upper	1.3
??APFCLESU??FO0?	Calculation	Abdominal Peak Force Left	1.4
??APFCRISU??FO0?	Calculation	Abdominal Peak Force Right	1.4
??ADRDLE01??VAY?	Calculation	Abdominal Deflection Rate Left Rib 01 from Acceleration	1.4
??ADRDLE01??VDY?	Calculation	Abdominal Deflection Rate Left Rib 01 from Deflection	1.4
??ADRDLE02??VAY?	Calculation	Abdominal Deflection Rate Left Rib 02 from Acceleration	1.4
??ADRDLE02??VDY?	Calculation	Abdominal Deflection Rate Left Rib 02 from Deflection	1.4
??ADRDRI01??VAY?	Calculation	Abdominal Deflection Rate Right Rib 01 from Acceleration	1.4
??ADRDRI01??VDY?	Calculation	Abdominal Deflection Rate Right Rib 01 from Deflection	1.4
??ADRDRI02??VAY?	Calculation	Abdominal Deflection Rate Right Rib 02 from Acceleration	1.4
??ADRDRI02??VDY?	Calculation	Abdominal Deflection Rate Right Rib 02 from Deflection	1.4
??CDRDLE01??VAY?	Calculation	Chest Deflection Rate Left Rib 01 from Acceleration	1.4
??CDRDLE01??VDY?	Calculation	Chest Deflection Rate Left Rib 01 from Deflection	1.4
??CDRDLE02??VAY?	Calculation	Chest Deflection Rate Left Rib 02 from Acceleration	1.4
??CDRDLE02??VDY?	Calculation	Chest Deflection Rate Left Rib 02 from Deflection	1.4
??CDRDLE03??VAY?	Calculation	Chest Deflection Rate Left Rib 03 from Acceleration	1.4

Possible Channels

Calculation

Code	Description	Remarks	Valid since Version
??CDRDLE03??VDY?	Calculation	Chest Deflection Rate Left Rib 03 from Deflection	1.4
??CDRDLELO??VAY?	Calculation	Chest Deflection Rate Left Lower Rib from Acceleration	1.4
??CDRDLELO??VDY?	Calculation	Chest Deflection Rate Left Lower Rib from Deflection	1.4
??CDRDLEMI??VAY?	Calculation	Chest Deflection Rate Left Middle Rib from Acceleration	1.4
??CDRDLEMI??VDY?	Calculation	Chest Deflection Rate Left Middle Rib from Deflection	1.4
??CDRDLEUP??VAY?	Calculation	Chest Deflection Rate Left Upper Rib from Acceleration	1.4
??CDRDLEUP??VDY?	Calculation	Chest Deflection Rate Left Upper Rib from Deflection	1.4
??CDRDRI01??VAY?	Calculation	Chest Deflection Rate Right Rib 01 from Acceleration	1.4
??CDRDRI01??VDY?	Calculation	Chest Deflection Rate Right Rib 01 from Deflection	1.4
??CDRDRI02??VAY?	Calculation	Chest Deflection Rate Right Rib 02 from Acceleration	1.4
??CDRDRI02??VDY?	Calculation	Chest Deflection Rate Right Rib 02 from Deflection	1.4
??CDRDRI03??VAY?	Calculation	Chest Deflection Rate Right Rib 03 from Acceleration	1.4
??CDRDRI03??VDY?	Calculation	Chest Deflection Rate Right Rib 03 from Deflection	1.4
??CDRDRILO??VAY?	Calculation	Chest Deflection Rate Right Lower Rib from Acceleration	1.4
??CDRDRILO??VDY?	Calculation	Chest Deflection Rate Right Lower Rib from Deflection	1.4
??CDRDRIMI??VAY?	Calculation	Chest Deflection Rate Right Middle Rib from Acceleration	1.4
??CDRDRIMI??VDY?	Calculation	Chest Deflection Rate Right Middle Rib from Deflection	1.4
??CDRDRIUP??VAY?	Calculation	Chest Deflection Rate Right Upper Rib from Acceleration	1.4
??CDRDRIUP??VDY?	Calculation	Chest Deflection Rate Right Upper Rib from Deflection	1.4
??PSPFLE00??FOY?	Calculation	Pubic Symphysis Peak Force Y Left Side Impact	1.4
??PSPFRI00??FOY?	Calculation	Pubic Symphysis Peak Force Y Right Side Impact	1.4
??FFCELLDN??FOZ?	Calculation	Femur Force Crit. EuroNCAP, Duration Negative Left Lower	1.4
??FFCELUDN??FOZ?	Calculation	Femur Force Crit. EuroNCAP, Duration Negative Left Upper	1.4
??FFCERLDN??FOZ?	Calculation	Femur Force Crit. EuroNCAP, Duration Negative Right Lower	1.4
??FFCERUDN??FOZ?	Calculation	Femur Force Crit. EuroNCAP, Duration Negative Right Upper	1.4
??FFCRLLDN??FOZ?	Calculation	Femur Force Crit., Duration Negative Left Lower	1.3
??FFCRLUDN??FOZ?	Calculation	Femur Force Crit., Duration Negative Left Upper	1.3
??FFCRRLDN??FOZ?	Calculation	Femur Force Crit., Duration Negative Right Lower	1.3
??FFCRRUDN??FOZ?	Calculation	Femur Force Crit., Duration Negative Right Upper	1.3
??FACRLELO??FOZ?	Calculation	Femur Acceptance Criterion Lower Left	1.3
??FACRLEUP??FOZ?	Calculation	Femur Acceptance Criterion Upper Left	1.3
??FACRRILO??FOZ?	Calculation	Femur Acceptance Criterion Lower Right	1.3

Possible Channels**Calculation**

Code	Description	Remarks	Valid since Version
??FACRRIUP??FOZ?	Calculation	Femur Acceptance Criterion Upper Right	1.3
??TIINLL00??000?	Calculation	Tibia Index, Left Lower	1.3
??TIINLLTO??000?	Calculation	Tibia Index, Left Lower, Using Total MY Total Moment for My according to IIHS	1.3
??TIINLU00??000?	Calculation	Tibia Index, Left Upper	1.3
??TIINLUTO??000?	Calculation	Tibia Index, Left Upper, Using Total MY Total Moment for My according to IIHS	1.3
??TIINRL00??000?	Calculation	Tibia Index, Right Lower	1.3
??TIINRLTO??000?	Calculation	Tibia Index, Right Lower, Using Total MY Total Moment for My according to IIHS	1.3
??TIINRU00??000?	Calculation	Tibia Index, Right Upper	1.3
??TIINRUTO??000?	Calculation	Tibia Index, Right Upper, Using Total MY Total Moment for My according to IIHS	1.3
??TCFCLELO??FOZ?	Calculation	Tibia Compression Force Criterion, Left Lower	1.3
??TCFCLEUP??FOZ?	Calculation	Tibia Compression Force Criterion, Left Upper	1.3
??TCFCRILO??FOZ?	Calculation	Tibia Compression Force Criterion, Right Lower	1.3
??TCFCRIUP??FOZ?	Calculation	Tibia Compression Force Criterion, Right Upper	1.3
??NCAP0000??000?	Calculation	New Car Assessment Program, USNCAP	1.3
??AACP00????ACX?	Calculation	Average Acceleration during Compression Phase FL2 Numbered from 1-99	1.3