TMTS (RIGHT-HANDED) M1 Loop Sign Table

	OSEM Basis				EULER Basis		OSEM Basis					
Real Motion	OSEM Sensing	Elec. Gain	OSEMINF Gain	OSEM2EUL Gain	DAMP Gain	EUL2OSEM Gain	COILOUTF Gain	Elec. Gain	Current Sign	Magnet Polarity	OSEM Force	Real Motion
+ L	+ SD	+	+	+	–	+	–	+	+	S	Pull	– L
+ T	– F2	+	+	–	–	–	–	+	–	S	Push	– T
	– F3	+	+	–	–	–	+	+	+	N	Push	
+ V	– LF	+	+	–	–	–	–	+	–	S	Push	– V
	– RT	+	+	–	–	–	+	+	+	N	Push	
+ R	+ F1	+	+	+	–	+	+	+	–	N	Pull	– R
	– F2	+	+	–	–	–	–	+	–	S	Push	
	– F3	+	+	–	–	–	+	+	+	N	Push	
+ P	– LF	+	+	–	–	–	–	+	–	S	Push	– P
	+ RT	+	+	+	–	+	+	+	–	N	Pull	
+ Y	+ F2	+	+	+	–	+	–	+	+	S	Pull	– Y
	– F3	+	+	–	–	–	+	+	+	N	Push	

Sensing Chain — Actuation Chain