TRILLIUM-120P

VELOCITY RESPONSE

	Zeros	Poles	A at 1Hz (normalization factor)
Poles/Zeros (in HZ)	0	-0.00614 + 0.00581 *j*	6651878
	0	-0.00614 - 0.00581 *j*	
	-16.870	-30.2394	
	-25.146	-25.1465 + 30.7169*j*	
		-25.1465 - 30.7169*j*	
		-101.7 + 225.682*j*	
		-101.7 - 225.682*j*	

	Zeros	Poles	A at 1Hz (normalization factor)
Poles/Zeros (in RAD)*	0	-0.03859 + 0.03649 *j*	6651878 x $2\pi^{(7-4)}$ = 1.65e+09
	0	-0.03859 - 0.03649 *j*	
	-106	-190	
	-158	-158 + 193*j*	
		-158 – 193*j*	
		-639 + 1418*j*	
		-639 - 1418*j*	

*(poles & zeros are multiplied with 2π and A with $2\pi^{(Npoles-Nzeros)}$

VELOCITY RESPONSE IN SAC FORMAT		
Sensor Gain V/m/s	1201	
Digitizer Gain Counts/Volt	400000 (TAURUS / TRIDENT)	
SAC constant (A×SensorGain×DigitizerGain)	7.9266e+17	

DISPLACEMENT RESPONSE

	Zeros	Poles	A at 1Hz (normalization factor)
Poles/Zeros (in HZ)	0	-0.00614 + 0.00581 *j*	6651878
	0	-0.00614 - 0.00581 *j*	
	-16.870	-30.2394	
	-25.146	-25.1465 + 30.7169*j*	
	0	-25.1465 - 30.7169*j*	
		-101.7 + 225.682*j*	
		-101.7 - 225.682*j*	

	Zeros	Poles	A at 1Hz (normalization factor)
Poles/Zeros (in RAD)*	0	-0.03859 + 0.03649 *j*	6651878 x $2\pi^{(7-5)}$ = 2.63e+08
	0	-0.03859 - 0.03649 *j*	
	-106	-190	
	-158	-158 + 193*j*	
	0	-158 – 193*j*	
		-639 + 1418*j*	
		-639 - 1418*j*	

*(poles & zeros are multiplied with 2π and A with $2\pi^{(Npoles-Nzeros)}$

DISPLACEMENT RESPONSE IN SAC FORMAT		
Sensor Gain V/m/s	1201	
Digitizer Gain Counts/Volt	400000 (TAURUS / TRIDENT)	
SAC constant (A×SensorGain×DigitizerGain x 2π)	7.9266e+17	