

Detailed list of STS-2 Generations

Whereas the mechanical part of the STS-2 seismometer never changed since 1990, the electronics part has been redesigned twice. There exist three different "electronic" generations which differ in the transfer function at frequencies above 10 Hz.
 (For corresponding transfer function data and plots please consult "Pole-Zero Representation of the STS-2 Transfer Function from 0.001 to 100 Hz")

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1st generation items	Exceptions [(2) = 2nd, (3) = 3rd generation]:	Time interval of shipments (approx.)	Standard	Low-Power	High-Gain	High-Gain & Low Power	Remarks
19001 ... 19051	19002(2), 31(3), 09(3), 46(3)	04/90 ... 06/95					
19101 ... 19153	19112(3), 25(3), 28(3), 31(3), 49(3), 53(3)						
99101 ... 99158	99108(3), 21(3), 26(3)						
69201 ... 69255	69205(3), 11(3), 18(3)						
39301 ... 39357	39326(3)						
89301 ... 89354	89340(2), 49(2)						
29401 ... 29455	29409(3), 31(2)						
99401 ... 99442	99420(2), 02(3), 06(3), 18(3), 19(3)						

2nd generation items	Exceptions (3rd generation):	Time interval of shipments (approx.)	Standard	Low-Power	High-Gain	High-Gain & Low Power	Remarks
99443 ... 99454		06/95 ... 02/98	99401 ... 48, 52 ... 54	99449 ... 99451			
49501 ... 49558			49501 ... 55, 57, 58				
119501 ... 119552			119501 ... 06, 11 ... 49, 52	119507 ... 119510	119550 ... 119551		Routine production of calibration sheets ("certificates of calibration") begun
109601 ... 109654			109603 ... 31, 36, 38, 39, 41 ... 54	109632 ... 35, 37, 40	109601 ... 109602		
49701 ... 49753	49740, 49750		49701 ... 16, 18 ... 29, 31, 40 ... 42, 50	49732 ... 39, 43 ... 49, 51 ... 53	49717, 49730		

3rd generation items		Time interval of shipments (approx.)	Standard	Low-Power	High-Gain	High-Gain & Low Power	Remarks
99701 ... 99753		02/98 ...	99701 ... 12, 40, 45 ... 53	99713 ... 39, 41 ... 44			Beginning "-30 °C proper function" tests on request
59801 ... 59853			59801 ... 32, 35 ... 44, 46, 47, 48 ... 50	59833, 34, 45, 48, 51 ... 53			

109801 ... 109852	
39901 ... 39955	
89901 ... 89954	
20001 ... 20053	
90001 ... 90052	
110001 ... 110054	
60101 ... 60153	
100101 ... 100155	
30201 ... 30255	
50201 ... 50255	
80201 ... 80254	
120201 ... 120255	
40301 ... 40355	
90301 ... 90354	
10401 ... 10448	
20401 ...	

109808 ... 30, 39, 42 ... 52	109801 ... 07, 31 ... 38, 40, 41			
39901, 05 ... 08, 16, 33 ... 36	39902 ... 04, 09 ... 15, 17 ... 32, 37 ... 55			With s/n. 39907 (July 1999) routine evaluation and archivation of poles and zeroes begun
89901 ... 04, 14, 23 ... 28, 31 ... 34, 39, 42, 44 ... 49, 53	89905 ... 13, 15 ... 22, 29, 30, 35 ... 38, 40, 41, 43, 50 ... 52, 54			
20005, 07, 23, 35 ... 39, 50 ... 53	20001 ... 04, 06, 08 ... 22, 24 ... 34, 40 ... 49			
90001, 16 ... 28, 41 ... 46	90002 ... 14, 37, 47 ... 52		90015, 29, 31 ... 36, 38 ... 40	
110008 ... 12, 15, 28 ... 30, 35, 41, 46	110001 ... 07, 13, 14, 16 ... 27, 31 ... 34, 36 ... 40, 43, 47 ... 54	110042, 44, 45		
60109 ... 12, 14 ... 17, 20 ... 23, 34, 44, 46, 53	60101 ... 08, 18, 19, 24 ... 33, 38, 39, 45, 48 ... 52	60113, 37, 40 ... 43, 47	60135, 36	
100119 ... 21, 27 ... 37, 47 ... 50	100101 ... 18, 22 ... 26, 38 ... 46, 51 ... 55			
30222 ... 33, 36 ... 41	30201 ... 12, 14, 15	30220, 21, 34, 35	30213, 16 ... 19	
50213 ... 21	50201 ... 12, 22 ... 54			
80209, 44, 45	80201 ... 08, 10 ... 43, 46 ... 54			
120208 ... 12, 18 ... 22, 26, 29 ... 31, 37 ... 50	120201 ... 07, 32 ... 36, 51 ... 55	120213 ... 16	120217, 23 ... 25, 27, 28	
40304, 05, 07, 08, 10, 11, 13 ... 16, 35 ... 43, 48, 49, 55	40301 ... 03, 06, 09, 17 ... 34, 44 ... 47, 50 ... 54		40312	
90305, 08, 10, 11 ... 29	90301, 02, 33, 36, 37, 39 ... 54		90303, 04, 06, 07, 30 ... 32, 34, 35, 38	s/n. 90309 discarded