10 ¹² -	$M_{L}=0.5 M_{W}=0.7$	-	$M_{\rm L}=0.3~M_{\rm W}=0.6$	$M_{\rm L}$ =0.6 $M_{\rm w}$ =0.9	$M_{L}=0.7 M_{W}=0.8$	$M_{L}=0.6 M_{W}=0.7$	$M_{L}=1.1 M_{W}=1.0$	$M_{L}=0.4 M_{W}=0.7$
10 ¹⁰ -	f _c =48.1 Hz		f _c =50.4 Hz	f _c =34.4 Hz	f _c =46.2 Hz	f _c =43.4 Hz	f _c =40.0 Hz	f _c =35.5 Hz
	2018156105500	2018156132827	2018157010141	2018157013858	2018157121700	2018158072013	2018158204112	2018159000959
10 ¹² -	$M_L = 0.3 M_w = 0.5$ $f_c = 49.8 \text{ Hz}$	$M_L=0.8 M_w=0.9$ $f_c=50.3 Hz$	$M_L=0.8 M_w=1.0$ $f_c=36.5 Hz$	$M_L=0.5 M_w=0.7$ $f_c=47.6 Hz$	$M_L=0.6 M_w=0.7$ $f_c=55.1 \text{ Hz}$	$M_L=0.5 M_w=0.7$ $f_c=47.0 Hz$	$M_L=1.0 M_w=1.4$ $f_c=32.2 Hz$	$M_L=0.9 M_w=1.1$ $f_c=33.0 \text{ Hz}$
10^{10} -		-		-			- The state of the	-
	2018159011231	2018159035257	2018159044000	2018159120046	2018159152310	2018160051518	2018160054115	2018160102510
10 ¹² -	$M_L = 0.7 M_w = 0.9$ $f_c = 44.5 \text{ Hz}$	M_L =0.4 M_w =0.5 f_c =60.9 Hz	$M_L=0.3 M_W=0.5$ $f_c=47.8 \text{ Hz}$	$M_L = 0.6 M_w = 0.9$ $f_c = 36.3 \text{ Hz}$	$M_L=0.6 M_W=0.7$ $f_c=55.2 \text{ Hz}$	$M_L = 0.8 M_w = 0.9$ $f_c = 49.4 \text{ Hz}$	$M_L=0.2 M_w=0.3$ $f_c=71.6 Hz$	$M_{L}=1.4~M_{W}=1.6$
10 ¹⁰ -						-	-	
	2018160135358	2018160181943	2018160211026	2018161004449	2018161102425	2018161172544	2018162012825	2018162052548
10 ¹² -	M_L =0.6 M_w =0.6 f_c =59.4 Hz	M_L =0.6 M_W =0.6 f_c =47.9 Hz	M_L =0.7 M_W =0.8 f_c =51.0 Hz		$M_L = 0.9 M_W = 1.1$ $f_c = 35.9 \text{ Hz}$	$M_L = 0.7 M_W = 0.8$ $f_c = 48.1 \text{ Hz}$	$M_L=0.9 M_W=1.1$ $f_c=36.3 Hz$	M_{L} =0.7 M_{W} =0.8 f_{c} =41.4 Hz
10 ¹⁰ -			-	-				
10 ¹² -	2018162102701	2018162103517	2018162124708	2018162134139	2018162195803	2018162224749	2018163001121	2018163031320
		$M_L = 0.5 M_W = 0.7$ $f_c = 37.1 Hz$	$M_L=1.1 M_W=1.3$ $f_c=29.7 Hz$	$M_L=1.0 M_w=1.3$ $f_c=28.3 Hz$	$M_L = 0.7 M_w = 0.7$ $f_c = 51.8 \text{ Hz}$	$M_L = 0.5 M_w = 0.6$ $f_c = 42.3 \text{ Hz}$	M_{L} =0.2 M_{W} =0.4 f_{c} =52.8 Hz	$M_{L}=0.4 M_{w}=0.6$ $f_{c}=57.1 Hz$
10 ¹⁰ -	2018163115829	2018163132124	2018164031000	2018165002042	2018165152357	2018165200500	2018166021841	2018166111647
10 ¹² -	$M_{L}=1.0 \ M_{W}=1.1$	$M_{L}=0.4 M_{W}=0.6$	$M_{L}=0.6 M_{W}=0.7$	$M_{L}=0.4 M_{W}=0.6$	$M_{L}=0.6 M_{W}=0.7$	$M_{L}=0.4 M_{W}=0.4$	$M_{L}=0.4 M_{W}=0.5$	$M_{L}=0.8 M_{W}=1.0$
10 ¹⁰ -	f _c =44.5 Hz	f _c =34.1 Hz	f _c =33.6 Hz	f _c =54.5 Hz	f _c =48.2 Hz	f _c =57.0 Hz	f _c =48.1 Hz	f _c =31.4 Hz
10	2018168094946	2018168112428	2018169024000	2018169033430	2018169042045	2018169213726	2018169230658	2018170012100
10 ¹² -	M_{L} =0.6 M_{w} =0.7 f_{c} =50.2 Hz	$M_{L}=0.4 M_{w}=0.7$ $f_{c}=30.8 \text{ Hz}$] -	-	$M_{L}=0.8 M_{W}=0.9$ $f_{c}=43.6 Hz$	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=33.7 Hz$	$M_L=0.7 M_w=0.7$ $f_c=35.5 Hz$	$M_{L}=0.5 M_{W}=0.6$ $f_{c}=40.4 \text{ Hz}$
10 ¹⁰ -				-				
	2018170013500	2018170022530	2018170070706	2018170141444	2018170145100	2018170191546	2018170200105	2018170210141
10 ¹² -	$M_{L}=1.3 M_{W}=1.6$	M_{L} =0.8 M_{w} =0.9 f_{c} =31.5 Hz	$M_L = 0.8 M_W = 1.0$ $f_c = 30.5 Hz$	-	$M_L=0.7 M_w=0.8$ $f_c=45.4 Hz$	$M_{L}=0.8 M_{W}=0.9$ $f_{c}=36.9 \text{ Hz}$	$M_L = 0.6 M_w = 0.6$ $f_c = 50.6 \text{ Hz}$	$M_L = 0.6 M_w = 0.6$ $f_C = 52.7 Hz$
10 ¹⁰ -			-		-			
	2018171001230	2018171003700	2018171005900	2018171034700	2018171100309	2018171100500	2018171101020	2018171113245
10 ¹² -		M_L =0.8 M_W =1.0 f_c =42.5 Hz	$M_{L}=1.1 M_{w}=1.3$ $f_{c}=28.6 \text{ Hz}$	1-6-M _W -1.9 − 7 ₅ 1.6 Hz	$M_L = 0.4 M_W = 0.6$ $f_c = 46.9 \text{ Hz}$	$M_{L}=0.8 M_{W}=1.0$ $f_{c}=27.7 Hz$	M_{L} =0.5 M_{w} =0.6 f_{c} =41.7 Hz	
10 ¹⁰ -	•••	-		-	-			-
4 - 20	2018171120032	2018171170704	2018171173814	2018171232614	2018171233929	2018172001100	2018172010600	2018172041700
10 ¹² -	$M_{L}=0.6 M_{W}=0.7$ $f_{c}=47.3 Hz$	$M_L = 0.8 M_W = 0.9$ $f_c = 46.4 \text{ Hz}$	M _L =1.2 M _w =1.5	$M_L = 0.8 M_w = 1.0$ $f_c = 31.4 \text{ Hz}$	$M_L = 0.8 M_w = 0.9$ $f_c = 39.0 \text{ Hz}$	$M_{L}=0.7 \ M_{W}=0.8$ $f_{c}=44.8 \ Hz$	M_L =0.4 M_w =0.5 f_c =54.0 Hz	$M_L=1.0 M_w=1.3$ $f_c=22.6 Hz$
10 ¹⁰ -	201817207020	20191720000	2019170175555	2019170100775	2018172192225	201917222222	2019172224005	2018172042050
10 ¹² -	2018172070230 M _L =0.9 M _w =1.0	2018172090030 	2018172175518 	2018172180735 	2018172183326 M _L =1.0 M _w =1.2	2018172230708 	2018172234909 	2018173042858
10 - 10 ¹⁰ -	$M_{L}=0.9 M_{W}=1.0$ $f_{c}=34.9 \text{ Hz}$	$M_L = 0.7 M_w = 0.9$ $f_c = 34.7 \text{ Hz}$	$M_L = 0.9 M_w = 1.0$ $f_c = 43.5 \text{ Hz}$	$M_{L}=0.5 M_{w}=0.6$ $f_{c}=40.5 Hz$	$M_L=1.0 M_W=1.2$ $f_c=31.6 Hz$	$M_{L}=1.1 M_{W}=1.4$ $f_{c}=26.1 \text{ Hz}$	$M_{\rm L}$ =0.0 $M_{\rm w}$ =0.7 $f_{\rm c}$ =40.1 Hz	$M_{L}=0.6 \ M_{w}=0.7 \ f_{c}=39.4 \ Hz$
τΩ ₋ , -	2018173043508	2018173072237	2018173130130	2018173142304	2018173151655	2018173181236	2018173191258	2018173214953
10 ¹² -	$M_{L}=0.8 M_{W}=1.0$	$M_{L}=0.7 M_{W}=0.8$	M _L =0.9 M _w =1.0	$M_{L}=1.0 M_{W}=1.2$	$M_{L}=0.7 M_{W}=0.8$	$M_{L}=1.1M_{W}=1.3$	M _L =0.6 M _w =0.6	M _L =0.5 M _w =0.6
10 ¹⁰ -	f _c =31.0 Hz	f _c =41.7 Hz	f _c =26.9 Hz	f _c =34.5 Hz	f _c =51.4 Hz	f _c =35.4 Hz	f _c =50.5 Hz	f _c =48.7 Hz
	2018173220003	2018174040400	2018174043300	2018174062000	2018174064100	2018174085934	2018174131934	2018174154112
10 ¹² -	$M_L=1.1 M_w=1.2$ $f_c=27.7 Hz$	1	$M_{L}=0.4 M_{W}=0.6$ $f_{c}=44.7 Hz$	$M_L = 0.8 M_w = 1.0$ $f_c = 27.3 \text{ Hz}$	$M_L = 0.5 M_W = 0.6$ $f_c = 43.0 \text{ Hz}$	$M_L = 0.8 M_w = 0.9$ $f_c = 42.4 \text{ Hz}$	$M_{L}=0.5 M_{W}=0.7$ $f_{c}=51.3 Hz$	$M_L = 0.7 M_w = 0.8$ $f_c = 35.2 \text{ Hz}$
(ਜ਼ੂ 10 ¹⁰ -	- Constant	_						
ctrum &M (Nm) 10 ₁₅ -	2018175062422	2018175071713	2018175132759	2018176001813	2018176155852	2018176170554	2018176210520	2018177104730
spectrur 10 ₁₅	$M_L = 0.5 M_w = 0.6$ $f_c = 49.9 \text{ Hz}$	M_L =0.9 M_w =1.2 f_c =34.5 Hz	$M_L=0.8 M_W=1.0$ $f_c=36.7 Hz$	$M_{L}=1.2 M_{W}=1.4$ $f_{L}=31.0 Hz$	M_L =0.9 M_w =1.0 f_c =31.2 Hz	7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-	M _L =1.5 M _w =1.6	$M_L = 0.6 M_w = 0.8$ $f_c = 27.3 \text{ Hz}$
9 - 10 ¹⁰				-	-			
source displacement 10^{10}	2018178152609	2018178222942	2018179053245	2018179233042	2018180013150	2018180040100	2018180094138	2018181040940
source of	$M_{\rm L} = 1.4 \ M_{\rm W} = 1.6$	$M_L = 0.8 M_W = 1.1$ $f_c = 30.9 \text{ Hz}$	$M_L=0.8 M_W=1.0$ $f_c=38.9 \text{ Hz}$	$M_L=1.0 M_W=1.2$ $f_c=32.5 Hz$	$M_L=1.1 M_w=1.3$ $f_c=27.0 Hz$	$M_L = 0.8 M_W = 1.0$ $f_c = 31.0 \text{ Hz}$	M_{L} =0.9 M_{w} =1.0 f_{c} =39.4 Hz	$M_L = 0.7 M_w = 0.9$ $f_c = 32.5 Hz$
[₼] 10 ¹⁰ -	2018181065239	2018181192300	2018182124340	2018182203248	2018182212250	2018182233301	2018183155952	2018183202531
10 ¹² -	$M_{L}=1.0 \ M_{W}=1.2$	$M_{L}=0.6 M_{W}=0.7$	$M_{L}=1.1 M_{W}=1.2$	$M_{L}=1.2 \ M_{W}=1.4$	$M_{L}=0.9 M_{W}=1.1$	M _L =1.1 M _w =1.2	$M_{L}=1.1 M_{W}=1.0$	$M_{L}=0.7 M_{W}=0.9$
10 ¹⁰ -	f _c =26.0 Hz	f _c =39.9 Hz	f _c =31.7 Hz	f _c =25.6 Hz	f _c =32.4 Hz	f _c =30.6 Hz	f _c =35.7 Hz	f _c =36.7 Hz
	2018183215029	2018184003003	2018184201046	2018184202906	2018185001326	2018185014623	2018185034551	2018185120950
10 ¹² -	M_{L} =0.7 M_{w} =0.9 f_{c} =37.2 Hz	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=38.0 \text{ Hz}$	M _L =1.4 M _w =1.6	-	$M_L = 0.8 M_w = 0.9$ $f_c = 39.0 \text{ Hz}$	$M_L=0.9 M_W=1.0$ $f_c=33.5 Hz$	$M_L=0.5 M_w=0.6$ $f_c=41.9 Hz$	$M_L=0.7 \ M_w=0.7 \ f_c=37.3 \ Hz$
10 ¹⁰ -		-		_				
	2018185145450	2018185155423	2018186070100	2018186092109	2018186115357	2018186131522	2018186202646	2018186215007
10 ¹² -	M_{L} =0.6 M_{w} =0.8 f_{c} =37.4 Hz	$M_L = 0.6 M_w = 0.7$ $f_c = 45.4 \text{ Hz}$	M _L =1.3 M _w =1.6	$M_L=0.8 M_W=1.0$ $f_C=28.3 Hz$	$M_L = 0.6 M_w = 0.8$ $f_c = 30.8 \text{ Hz}$	M _L =1.4 M _w =1.6	M_{L} =1.0 M_{W} =1.2 f_{c} =33.0 Hz	$M_L=0.7 M_W=0.8$ $f_C=43.2 Hz$
10 ¹⁰ -					-		-	
	2018187034808	2018187062657	2018187084836	2018188142051	2018188161324	2018188173124	2018188175428	2018188193122
10 ¹² -	M_{L} =0.7 M_{w} =0.8 f_{c} =37.2 Hz	M_L =0.8 M_w =1.1 f_c =29.7 Hz	M_{L} =0.7 M_{w} =0.9 f_{c} =28.1 Hz	$M_L = 0.6 M_w = 0.8$ $f_c = 48.5 \text{ Hz}$	$M_L = 0.7 M_w = 0.7$ $f_c = 44.8 \text{ Hz}$	$M_L=0.6 M_w=0.7$ $f_c=40.7 Hz$	$M_L=0.4 M_w=0.6$ $f_c=45.3 \text{ Hz}$	M_{L} =0.5 M_{w} =1.0 f_{c} =33.4 Hz
10 ¹⁰ -	2018188202905	2018188214438	2018188214700	2018188214802	2018189060720	2018189070845	2018189095118	2018189132738
10 ¹² -	$M_{L}=0.8 \ M_{W}=1.0$	$M_{L}=0.8 M_{W}=0.9$	$M_{L}=0.6 M_{W}=0.8$	$M_{L}=0.8 M_{W}=1.1$	$M_{L}=0.6 M_{W}=0.8$	- Mw=2.0	$M_{L}=0.5 M_{W}=0.5$	$M_{L}=0.6 M_{W}=0.7$
10 ¹⁰ -	f _c =32.8 Hz	f _c =34.9 Hz	f _c =31.9 Hz	f _c =31.6 Hz	f _c =43.1 Hz	f _c = 2.8 Hz	f _c =44.2 Hz	f _c =40.6 Hz
	2018189132728	2018189142028	2018189152317	2018189160854	2018189163251	2018189173537	2018189195043	2018190005253
10 ¹² -	$M_{L}=1.1 M_{W}=1.3$ $f_{c}=36.0 Hz$	$M_L=0.3 M_w=0.5$ $f_c=42.1 Hz$	$M_{L}=0.8 M_{W}=0.9$ $f_{c}=36.7 Hz$	$M_{L}=1.3 M_{W}=1.6$ = 23.2 Hz	$M_{L}=0.5 M_{W}=0.5$ $f_{c}=51.0 \text{ Hz}$	$M_L=0.6 M_w=0.8$ $f_c=36.4 Hz$	$M_{L}=1.3 M_{w}=1.6$	$M_{L}=0.8 M_{W}=0.9$ $f_{c}=36.6 \text{ Hz}$
10 ¹⁰ -	200		-	-			-	
	2018190020811	2018190025747	2018190155046	2018193142500	2018193204529	2018194085018	2018194133411	2018195011432
10 ¹² -	$M_{L}=0.6 M_{W}=0.6$ $f_{c}=46.0 Hz$	$M_L=0.9 M_W=1.2$ $f_c=25.2 Hz$	$M_L=0.5 M_w=0.6$ $f_c=54.5 Hz$	$M_L=0.6 M_w=0.7$ $f_c=35.5 Hz$	$M_L = 0.8 M_W = 0.9$ $f_c = 33.2 \text{ Hz}$	$M_L = 0.8 M_W = 1.0$ $f_c = 30.5 \text{ Hz}$		$M_L = 0.7 M_W = 0.9$ $f_c = 42.0 \text{ Hz}$
10 ¹⁰ -				- The state of the				
10 ¹² -	2018195074501	2018195123640 	2018195172331 	2018195195343 	2018196003937	2018196010738	2018196071020	2018196133941
	$M_{L}=0.7 M_{W}=0.7$ $f_{c}=51.2 Hz$	$M_L = 0.7 M_w = 0.9$ $f_c = 39.8 \text{ Hz}$	M_{L} =0.6 M_{w} =0.6 f_{c} =46.0 Hz	M_{L} =0.6 M_{w} =0.8 f_{c} =36.7 Hz	$f_c = 0.4 \text{ Hz}$	$M_L = 0.9 M_W = 1.2$ $f_c = 35.8 \text{ Hz}$	M_{L} =0.6 M_{w} =0.7 f_{c} =46.4 Hz	$M_L = 1.3 M_w = 1.6$
10 ¹⁰ -	2018196200450	2018197015541	2018197070436	2018197091659	2018197172535	2018197183626	2018199080816	2018199104200
10 ¹² -	$M_{L}=0.9 M_{W}=1.2$	$M_{L}=0.7 M_{W}=0.8$	$M_{L}=0.5 M_{W}=0.6$	$M_{L}=0.5 M_{W}=0.6$	$M_{L}=1.2 M_{W}=1.5$	$M_{L}=0.5 M_{W}=0.7$	$M_{L}=0.5 M_{W}=0.6$	$M_{L}=1.0 M_{W}=1.2$
10 ¹⁰ -	f _c =29.5 Hz	f _c =47.4 Hz	f _c =47.3 Hz	f _c =51.0 Hz	-2± 0-Hz	f _c =47.1 Hz	f _c =56.2 Hz	f _c =31.7 Hz
		2018199170914	2018199194117	2018199204703	2018199224500	2018200015608	2018200040208	2018200082657
	2018199170820	 		$M_{L}=1.2 M_{W}=1.5$	M _L =1.5 M _w =1.7	M_{L} =0.6 M_{w} =0.6 f_{c} =51.6 Hz	$M_L=0.7 M_W=1.1$ $f_c=28.7 Hz$	$M_{L}=0.6 M_{W}=0.7$ $f_{C}=48.1 Hz$
10 ¹² -	2018199170820 M _L =1.1 M _w =1.2 f _c =28.6 Hz	-	$M_L=0.9 M_w=1.1$ $f_c=34.1 Hz$		_ '	i i	/ _C =28.7 112	1
10 ¹² -	$M_{L}=1.1 M_{W}=1.2$	-		= 20.2-Hz	-		10-20.7112	
	$M_{L}=1.1 M_{W}=1.2$	2018200100919		2018200105407	2018200105452	2018200105703	2018200134612	2018200143037
	$M_{L}=1.1 M_{W}=1.2$ $f_{c}=28.6 \text{ Hz}$	2018200100919 	f _c =34.1 Hz		$M_{L}=0.7 M_{W}=0.8$ $f_{c}=34.6 \text{ Hz}$	$M_{L}=1.2 M_{W}=1.2 f_{c}=39.2 Hz$		2018200143037 M _L =0.5 M _w =0.6 f _c =46.1 Hz
10 ¹⁰ -	M _L =1.1 M _w =1.2 f _c =28.6 Hz 2018200100833 M _L =0.4 M _w =0.7	$M_{L}=0.8 M_{W}=0.9$	f _c =34.1 Hz	2018200105407 	$M_{L}=0.7 M_{W}=0.8$	$M_{L}=1.2 M_{W}=1.2$	2018200134612 M _L =0.5 M _w =0.6	$M_{L}=0.5 M_{W}=0.6$
10 ¹⁰ - 10 ¹² -	$M_{L}=1.1 M_{W}=1.2$ $f_{c}=28.6 \text{ Hz}$ 2018200100833 $M_{L}=0.4 M_{W}=0.7$ $f_{c}=36.2 \text{ Hz}$ 2018200170651	$M_L=0.8 M_W=0.9$ $f_c=42.8 Hz$ 2018200191849	f _c =34.1 Hz	2018200105407 M _L =0.6 M _w =0.7 f _c =33.2 Hz	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=34.6 \text{ Hz}$ 2018202112855	$M_{L}=1.2 M_{W}=1.2$ $f_{c}=39.2 Hz$ 2018202134535	2018200134612 M _L =0.5 M _w =0.6 f _c =43.3 Hz	M _L =0.5 M _w =0.6 f _c =46.1 Hz
10 ¹⁰ - 10 ¹² - 10 ¹² -	$M_{L}=1.1 M_{w}=1.2$ $f_{c}=28.6 \text{ Hz}$ 2018200100833 $M_{L}=0.4 M_{w}=0.7$ $f_{c}=36.2 \text{ Hz}$	$M_L = 0.8 M_w = 0.9$ $f_c = 42.8 \text{ Hz}$	f _c =34.1 Hz	2018200105407 M _L =0.6 M _w =0.7 f _c =33.2 Hz	$M_L=0.7 M_w=0.8$ $f_c=34.6 \text{ Hz}$	$M_{L}=1.2 M_{W}=1.2$ $f_{c}=39.2 \text{ Hz}$	M_{L} =0.5 M_{w} =0.6 f_{c} =43.3 Hz	$M_L=0.5 M_w=0.6$ $f_c=46.1 Hz$
10 ¹⁰ - 10 ¹² -	$M_{L}=1.1 M_{w}=1.2 f_{c}=28.6 \text{ Hz}$ 2018200100833 $M_{L}=0.4 M_{w}=0.7 f_{c}=36.2 \text{ Hz}$ 2018200170651 $M_{L}=0.5 M_{w}=0.5 f_{c}=53.5 \text{ Hz}$	M_L =0.8 M_w =0.9 f_c =42.8 Hz 2018200191849 M_L =0.5 M_w =0.6 f_c =53.3 Hz	2018200102006 2018201073346	2018200105407 M _L =0.6 M _w =0.7 f _c =33.2 Hz 2018201152715 M _L =0.6 M _w =0.6 f _c =46.7 Hz	$M_L=0.7 M_w=0.8$ $f_c=34.6 \text{ Hz}$ 2018202112855 $M_L=0.7 M_w=0.9$ $f_c=41.4 \text{ Hz}$	$M_{L}=1.2 M_{w}=1.2$ $f_{c}=39.2 \text{ Hz}$ 2018202134535 $M_{L}=0.5 M_{w}=0.6$ $f_{c}=46.0 \text{ Hz}$	$M_{L}=0.5 M_{w}=0.6$ $f_{c}=43.3 \text{ Hz}$ 2018202144515 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=50.9 \text{ Hz}$	$M_{L}=0.5 M_{w}=0.6$ $f_{c}=46.1 \text{ Hz}$ 2018202222748 $M_{L}=1.0 M_{w}=1.2$ $f_{c}=37.5 \text{ Hz}$
10 ¹⁰ - 10 ¹² - 10 ¹² -	$M_{L}=1.1 M_{w}=1.2 \\ f_{c}=28.6 Hz$ 2018200100833 $M_{L}=0.4 M_{w}=0.7 \\ f_{c}=36.2 Hz$ 2018200170651 $M_{L}=0.5 M_{w}=0.5 \\ f_{c}=53.5 Hz$ 2018202225701	M _L =0.8 M _w =0.9 f _c =42.8 Hz 2018200191849 M _L =0.5 M _w =0.6 f _c =53.3 Hz	2018200102006 2018201073346 2018203030928	2018200105407 M _L =0.6 M _w =0.7 f _c =33.2 Hz 2018201152715 M _L =0.6 M _w =0.6 f _c =46.7 Hz	$M_L=0.7 M_w=0.8$ $f_c=34.6 \text{ Hz}$ 2018202112855 $M_L=0.7 M_w=0.9$ $f_c=41.4 \text{ Hz}$ 2018203090059	$M_{L}=1.2 M_{W}=1.2$ $f_{c}=39.2 \text{ Hz}$ 2018202134535 $M_{L}=0.5 M_{W}=0.6$ $f_{c}=46.0 \text{ Hz}$ 2018203113243	2018200134612 $M_{L}=0.5 M_{w}=0.6$ $f_{c}=43.3 \text{ Hz}$ 2018202144515 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=50.9 \text{ Hz}$ 2018203124722	M _L =0.5 M _w =0.6 f _c =46.1 Hz 2018202222748 M _L =1.0 M _w =1.2
10 ¹⁰ - 10 ¹² - 10 ¹⁰ - 10 ¹² -	$M_{L}=1.1 M_{w}=1.2 f_{c}=28.6 \text{ Hz}$ 2018200100833 $M_{L}=0.4 M_{w}=0.7 f_{c}=36.2 \text{ Hz}$ 2018200170651 $M_{L}=0.5 M_{w}=0.5 f_{c}=53.5 \text{ Hz}$	M_L =0.8 M_w =0.9 f_c =42.8 Hz 2018200191849 M_L =0.5 M_w =0.6 f_c =53.3 Hz	2018200102006 2018201073346	2018200105407 M _L =0.6 M _w =0.7 f _c =33.2 Hz 2018201152715 M _L =0.6 M _w =0.6 f _c =46.7 Hz	$M_L=0.7 M_w=0.8$ $f_c=34.6 \text{ Hz}$ 2018202112855 $M_L=0.7 M_w=0.9$ $f_c=41.4 \text{ Hz}$	$M_{L}=1.2 M_{w}=1.2$ $f_{c}=39.2 \text{ Hz}$ 2018202134535 $M_{L}=0.5 M_{w}=0.6$ $f_{c}=46.0 \text{ Hz}$	$M_{L}=0.5 M_{w}=0.6$ $f_{c}=43.3 \text{ Hz}$ 2018202144515 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=50.9 \text{ Hz}$	$M_{L}=0.5 M_{w}=0.6$ $f_{c}=46.1 \text{ Hz}$ 2018202222748 $M_{L}=1.0 M_{w}=1.2$ $f_{c}=37.5 \text{ Hz}$ 2018203171420 $10 100$
10 ¹⁰ - 10 ¹² - 10 ¹⁰ -	$M_{L}=1.1 M_{w}=1.2 \\ f_{c}=28.6 Hz$ 2018200100833 $M_{L}=0.4 M_{w}=0.7 \\ f_{c}=36.2 Hz$ 2018200170651 $M_{L}=0.5 M_{w}=0.5 \\ f_{c}=53.5 Hz$ 2018202225701 $M_{L}=0.5 M_{w}=0.6$	M_L =0.8 M_w =0.9 f_c =42.8 Hz 2018200191849 M_L =0.5 M_w =0.6 f_c =53.3 Hz M_L =1.1 M_w =1.2	201820102006 2018201073346 2018203030928 M _L =0.7 M _w =0.8	2018200105407 M _L =0.6 M _w =0.7 f _c =33.2 Hz 2018201152715 M _L =0.6 M _w =0.6 f _c =46.7 Hz 2018203081713 M _L =0.5 M _w =0.6	$M_L=0.7 M_w=0.8$ $f_c=34.6 \text{ Hz}$ $M_L=0.7 M_w=0.9$ $f_c=41.4 \text{ Hz}$ $M_L=1.4 M_w=1.5$	$M_{L}=1.2 M_{W}=1.2$ $f_{c}=39.2 \text{ Hz}$ 2018202134535 $M_{L}=0.5 M_{W}=0.6$ $f_{c}=46.0 \text{ Hz}$ 2018203113243 $M_{L}=0.9 M_{W}=1.3$	$M_{L}=0.5 \ M_{w}=0.6 \\ f_{c}=43.3 \ Hz$ 2018202144515 $M_{L}=0.7 \ M_{w}=0.7 \\ f_{c}=50.9 \ Hz$ 2018203124722 $M_{L}=0.5 \ M_{w}=0.6$	M _L =0.5 M _w =0.6 f _c =46.1 Hz 2018202222748 M _L =1.0 M _w =1.2 f _c =37.5 Hz 2018203171420 10 100
10 ¹⁰ - 10 ¹² - 10 ¹² - 10 ¹² -	$M_{L}=1.1 M_{W}=1.2 \\ f_{c}=28.6 Hz$ 2018200100833 $M_{L}=0.4 M_{W}=0.7 \\ f_{c}=36.2 Hz$ 2018200170651 $M_{L}=0.5 M_{W}=0.5 \\ f_{c}=53.5 Hz$ 2018202225701 $M_{L}=0.5 M_{W}=0.6 \\ f_{c}=46.1 Hz$	M_L =0.8 M_w =0.9 f_c =42.8 Hz 2018200191849 M_L =0.5 M_w =0.6 f_c =53.3 Hz M_L =1.1 M_w =1.2 f_c =35.2 Hz	201820102006 2018201073346 2018203030928 M _L =0.7 M _w =0.8 f _c =41.0 Hz		$M_{L}=0.7 M_{w}=0.8 f_{c}=34.6 Hz$ 2018202112855 $M_{L}=0.7 M_{w}=0.9 f_{c}=41.4 Hz$ 2018203090059 $M_{L}=1.4 M_{w}=1.5 f_{c}=30.0 Hz$	$M_{L}=1.2 M_{W}=1.2 \\ f_{c}=39.2 \text{ Hz}$ 2018202134535 $M_{L}=0.5 M_{W}=0.6 \\ f_{c}=46.0 \text{ Hz}$ 2018203113243 $M_{L}=0.9 M_{W}=1.3 \\ f_{c}=29.0 \text{ Hz}$		M _L =0.5 M _w =0.6 f _c =46.1 Hz 2018202222748 M _L =1.0 M _w =1.2 f _c =37.5 Hz 2018203171420 10 100 35 - 28 voi it it is