		M_{L} =0.5 M_{w} =0.8 f_{c} =29.4 Hz		$M_L = 0.3 M_w = 0.6$ $f_c = 35.0 \text{ Hz}$	$M_L = 0.6 M_w = 0.9$ $f_c = 26.0 \text{ Hz}$	$M_L = 0.7 M_w = 0.8$ $f_c = 30.0 \text{ Hz}$	$M_{\rm L}$ =0.6 $M_{\rm w}$ =0.8 $f_{\rm c}$ =30.2 Hz	$M_{L}=1.1 M_{W}=1.0$ $f_{c}=29.1 Hz$	$M_L = 0.4 M_w = 0.7$ $f_c = 26.9 \text{ Hz}$
	0 ¹¹ -								
		2018156105500	2018156132827	2018157010141	2018157013858	2018157121700	2018158072013	2018158204112	2018159000959
1	011	M_{L} =0.3 M_{w} =0.5 f_{c} =34.0 Hz	$M_L=0.8 M_W=0.9$ $f_c=34.4 \text{ Hz}$	$M_L = 0.8 M_w = 1.0$ $f_c = 26.8 \text{ Hz}$	M_{L} =0.5 M_{w} =0.7 f_{c} =32.8 Hz	M_{L} =0.6 M_{w} =0.7 f_{c} =36.9 Hz	M_{L} =0.5 M_{w} =0.7 f_{c} =33.3 Hz	M _L =1.0 M _w =1.4 f _c =24.6 Hz	$M_L=0.9 M_W=1.1$ $f_c=25.4 Hz$
	10 ⁹ -	- See	-	-	-	-	-	-	-
]	2018159011231 M _L =0.7 M _w =0.9	2018159035257 M _L =0.4 M _w =0.5	2018159044000 M _L =0.3 M _w =0.6	2018159120046 M _L =0.6 M _w =0.9	2018159152310 M _L =0.6 M _w =0.7	2018160051518 M _L =0.8 M _w =0.9	2018160054115 M _L =0.2 M _w =0.3	2018160102510
1	011 -	f _c =31.7 Hz	f _c =39.0 Hz	f _c =30.1 Hz	f _c =27.0 Hz	f _c =37.2 Hz	f _c =34.3 Hz	f _c =46.1 Hz	=23.6 Hz
	10 ⁹ -	2018160135358	2018160181943	2018160211026	2018161004449	2018161102425	2018161172544	2018162012825	2018162052548
1	011	$M_L = 0.6 M_w = 0.6$ $f_c = 37.5 Hz$	$M_L = 0.6 M_w = 0.7$ $f_c = 29.2 \text{ Hz}$	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=35.2 \text{ Hz}$		$M_L = 0.9 M_w = 1.1$ $f_c = 26.8 \text{ Hz}$	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=33.5 Hz$	M_{L} =0.9 M_{W} =1.1 f_{c} =26.9 Hz	$M_L=0.7 M_w=0.9$ $f_c=29.7 Hz$
	10 ⁹ -				•			- San	
10 1 10 1 10 1 10 1 10 1		2018162102701	2018162103517	2018162124708	2018162134139	2018162195803	2018162224749	2018163001121	2018163031320
	011 -		M_{L} =0.5 M_{W} =0.8 f_{c} =25.5 Hz	$M_{L}=1.1 M_{W}=1.3$ $f_{C}=23.2 Hz$	$M_{L}=1.0 \ M_{W}=1.3 \ f_{c}=22.3 \ Hz$	$M_L = 0.7 M_w = 0.8$ $f_c = 32.8 \text{ Hz}$	$M_L = 0.5 M_w = 0.6$ $f_c = 29.0 \text{ Hz}$	M_{L} =0.2 M_{w} =0.4 f_{c} =35.2 Hz	$M_L=0.4 M_W=0.6$ $f_c=36.6 Hz$
	10 ⁹ -	2018163115829	2018163132124	2018164031000	2018165002042	2018165152357	2018165200500	2018166021841	2018166111647
	[M _L =1.0 M _w =1.1	$M_{L}=0.4 M_{W}=1.6$ $f_{c}=5.0 \text{ Hz}$	$M_{L}=0.6 M_{W}=0.7$	$M_{L}=0.4 M_{W}=0.6$	M _L =0.6 M _w =0.8	$M_{L}=0.4 M_{W}=0.5$	$M_{L}=0.4 M_{W}=0.5$	$M_{\rm L}=0.8~M_{\rm W}=1.0$
	011	f _c =31.4 Hz	I _c =3.0 Hz	f _c =24.9 Hz	f _c =36.8 Hz	f _c =30.1 Hz	f _c =29.4 Hz	f _c =33.4 Hz	f _c =24.3 Hz
	10 ⁹ -	2018168094946	2018168112428	2018169024000	2018169033430	2018169042045	2018169213726	2018169230658	2018170012100
	011	M_L =0.6 M_w =0.7 f_c =34.6 Hz	$M_L=0.4 M_w=0.7$ $f_c=22.6 Hz$			M_L =0.8 M_w =0.9 f_c =30.2 Hz	$M_L=0.7 M_w=0.8$ $f_c=25.0 \text{ Hz}$	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=26.4 Hz$	M_{L} =0.5 M_{w} =0.6 f_{c} =28.6 Hz
	10 ⁹ -	- See See See See See See See See See Se	-	_	-	-		-	-
]	2018170013500 M _L =1.3 M _w =1.6	2018170022530 M _L =0.8 M _w =0.9	2018170070706 M _L =0.8 M _w =1.0	2018170141444	2018170145100 M _L =0.7 M _w =0.9	2018170191546 M _L =0.8 M _w =0.9	2018170200105 	2018170210141 M _L =0.6 M _w =0.6
	011	23.8 HZ	$f_c = 24.2 \text{ Hz}$	$f_c = 23.8 \text{ Hz}$	-	f _c =28.4 Hz	$f_c = 26.1 \text{ Hz}$	f _c =5.0 Hz	f _c =33.9 Hz
	10 ⁹ -	2018171001230	2018171003700	2018171005900	2018171034700	2018171100309	2018171100500	2018171101020	2018171113245
	011		$M_{L}=0.8 M_{W}=1.0$ $f_{c}=30.5 Hz$	$M_{L}=1.1 M_{W}=1.3$ $f_{L}=22.5 Hz$	7 _c 1.8.2 Hz	$M_L = 0.4 M_w = 0.6$ $f_c = 33.0 \text{ Hz}$	$M_{L}=0.8 M_{W}=1.0$ $f_{c}=22.2 Hz$	M_{L} =0.5 M_{w} =0.6 f_{c} =29.9 Hz	
	10 ⁹ -	•••						-	
		2018171120032	2018171170704	2018171173814	2018171232614	2018171233929	2018172001100	2018172010600	2018172041700
	011	M_{L} =0.6 M_{w} =0.7 f_{c} =32.5 Hz	$M_L=0.8 M_w=0.9$ $f_c=33.1 \text{ Hz}$	M _L =1.2 M _w =1.5	M_L =0.8 M_W =1.0 f_c =24.3 Hz	$M_L=0.8 M_W=1.0$ $f_c=28.5 Hz$	$M_L = 0.7 M_W = 0.8$ $f_c = 32.0 \text{ Hz}$	M_L =0.4 M_w =0.5 f_c =37.5 Hz	$M_L=1.0 M_w=1.3$ $f_c=18.9 Hz$
	10 ⁹ -	2018172070230	2018172090030	2018172175518	2018172180735	2018172183326	2018172230708	2018172234909	2018173042858
	[$M_{L}=0.9 M_{W}=1.0$	$M_{L}=0.7 M_{W}=0.9$ $f_{c}=26.5 \text{ Hz}$	$M_{L}=0.9 M_{W}=1.0$ $f_{c}=31.3 \text{ Hz}$	M_{L} =0.5 M_{W} =0.8 f_{c} =21.5 Hz	$M_L=1.0 M_W=1.2$ $f_c=24.6 Hz$	$M_L=1.1 M_w=1.4$ $f_c=21.6 Hz$	$M_{L}=0.0 M_{W}=0.8$ $f_{c}=23.4 \text{ Hz}$	$M_{L}=0.6 M_{W}=0.7$ $f_{c}=29.3 \text{ Hz}$
	011	f _c =26.6 Hz	- r _c =26.5 Hz	- τ _c =31.3 Hz	r _c =21.5 Hz	7 _c =24.6 HZ	- COOC E=710HZ	r _c =23.4 Hz	r _c =29.3 Hz
	10 ⁹ -	2018173043508	2018173072237	2018173130130	2018173142304	2018173151655	2018173181236	2018173191258	2018173214953
1	011	M_{L} =0.8 M_{W} =1.0 f_{c} =24.6 Hz	$M_L=0.7 M_W=0.8$ $f_c=30.5 Hz$	$M_L=0.9 M_W=1.0$ $f_c=21.7 Hz$	$M_L=1.0 \ M_W=1.2 \ f_c=26.4 \ Hz$	M_L =0.7 M_w =0.8 f_c =35.8 Hz	$M_{L}=1.1 M_{W}=1.3$ $f_{c}=26.9 Hz$	$M_L = 0.6 M_w = 0.6$ $f_c = 35.1 \text{ Hz}$	$M_{L}=0.5 M_{W}=0.6$ $f_{c}=34.0 Hz$
	10 ⁹ -		-	-	-		-	-	-
]	2018173220003 M _L =1.1 M _w =1.2	2018174040400	2018174043300 M _L =0.4 M _w =0.7	2018174062000 M _L =0.8 M _w =1.0	2018174064100 M _L =0.5 M _w =0.7	2018174085934 	2018174131934 M _L =0.5 M _w =0.7	2018174154112
	011	f _c =22.3 Hz	-	f _c =27.6 Hz	f _c =21.8 Hz	f _c =25.8 Hz	f _c =29.7 Hz	f _c =35.7 Hz	f _c =24.2 Hz
ctrum ω M (Nm)	10 ⁹ -	2018175062422	2018175071713	2018175132759	2018176001813	2018176155852	2018176170554	2018176210520	2018177104730
	011	$M_{c} = 0.5 M_{m} = 1.7$ $f_{c} = 5.0 \text{ Hz}$	$M_{L}=0.9 M_{W}=1.2$ $f_{c}=26.6 Hz$	$M_L=0.8 M_w=1.0$ $f_c=26.6 \text{ Hz}$	$M_{L}=1.2 M_{W}=1.4$	$M_L = 0.9 M_W = 1.0$ $f_c = 24.2 \text{ Hz}$	7/M _w =1.9 7 _c =17.1 Hz	$M_{\rm L}$ =1.5 $M_{\rm w}$ =1.6	$M_L = 0.6 M_w = 0.9$ $f_c = 21.3 \text{ Hz}$
S	10 ⁹ -	- Deed							-
source displacement	[2018178152609	2018178222942	2018179053245	2018179233042	2018180013150	2018180040100	2018180094138	2018181040940
source 1	011	M _I = 1.4 M _w = 1.6 25.6 Hz	$M_{L}=0.8 M_{W}=1.1$ $f_{c}=24.2 Hz$	M_{L} =0.8 M_{W} =1.0 f_{c} =28.7 Hz	M_{L} =1.0 M_{W} =1.2 f_{c} =25.4 Hz	$M_L = 1.1 M_W = 1.3$ $f_c = 21.7 Hz$	M_L =0.8 M_w =1.0 f_c =24.1 Hz	M_{L} =0.9 M_{W} =1.0 f_{c} =29.2 Hz	$M_{L}=0.7 M_{w}=0.9$ $f_{c}=25.1 Hz$
	10 ⁹ -	2018181065239	2018181192300	2018182124340	2018182203248	2018182212250	2018182233301	2018183155952	2018183202531
,	011	$M_{L}=1.0 \ M_{W}=1.2 \ f_{c}=21.1 \ Hz$	$M_{L}=0.6 M_{W}=0.7$ $f_{c}=33.1 \text{ Hz}$	$M_{L}=1.1 M_{W}=1.2$ $f_{c}=24.6 \text{ Hz}$	$M_{L}=1.2 \ M_{W}=1.4$	$M_L = 0.9 M_W = 1.1$ $f_c = 25.3 \text{ Hz}$	$M_{L}=1.1 M_{W}=1.2$ $f_{c}=24.3 Hz$	$M_{L}=1.1 \ M_{W}=1.0 \ f_{c}=27.2 \ Hz$	$M_{L}=0.7 M_{W}=0.9$ $f_{c}=27.7 Hz$
	10° -	No. of the last of		a a a a a a a a a a a a a a a a a a a		300000000000000000000000000000000000000			
		2018183215029	2018184003003	2018184201046	2018184202906	2018185001326	2018185014623	2018185034551	2018185120950
1	011	M_{L} =0.7 M_{w} =0.9 f_{c} =27.7 Hz	$M_{L}=0.7 M_{w}=0.8$ $f_{c}=26.8 \text{ Hz}$	M _L =1.4 M _w =1.6 =18.8 Hz	-	M_{L} =0.8 M_{w} =0.9 f_{c} =28.9 Hz	$M_L = 0.9 M_w = 1.1$ $f_c = 25.0 \text{ Hz}$	M_L =0.5 M_w =0.6 f_c =30.4 Hz	M_L =0.7 M_w =0.7 f_c =27.5 Hz
:	10 ⁹ -	2018185145450	2018185155423	2018186070100	2018186092109	2018186115357	2018186131522	2018186202646	2018186215007
	[$M_{L}=0.6 M_{W}=0.8$ $f_{c}=26.4 \text{ Hz}$	$M_{L}=0.6 M_{W}=0.7$ $f_{c}=31.7 \text{ Hz}$	$M_{\rm L} = 1.3 M_{\rm W} = 1.6$	$M_{L}=0.8 M_{W}=1.0$	$M_L = 0.6 M_W = 0.7$ $f_c = 27.7 Hz$	M _L =1.4 M _w =1.6	$M_{L}=1.0 \ M_{W}=1.2 \ f_{c}=25.8 \ Hz$	$M_{L}=0.7 M_{w}=0.8$ $f_{c}=31.4 Hz$
	011 -	7,-20.4112	- 1,5-31.7112	- 10.4 112	f _c =22.4 Hz	10-27.7 112	21.5 112	10-23.6112	- 1,2-31.4112
	10 ⁹ -	2018187034808	2018187062657	2018187084836	2018188142051	2018188161324	2018188173124	2018188175428	2018188193122
1	011	M_{L} =0.7 M_{w} =0.9 f_{c} =27.8 Hz	$M_L=0.8 M_W=1.1$ $f_c=23.7 Hz$	$M_L = 0.7 M_W = 0.9$ $f_c = 22.6 \text{ Hz}$	$M_L = 0.6 M_w = 0.8$ $f_c = 34.2 \text{ Hz}$	$M_L=0.7 M_W=0.8$ $f_c=31.9 \text{ Hz}$	M_{L} =0.6 M_{w} =0.7 f_{c} =29.8 Hz	$M_L = 0.4 M_W = 0.6$ $f_c = 31.5 \text{ Hz}$	$M_L = 0.5 M_W = 1.0$ $f_c = 25.8 \text{ Hz}$
:	10 ⁹ -	2018188202905	2018188214438	2018188214700	2018188214802	2018189060720	2018189070845	2018189095118	2018189132738
1	[]	$M_{L}=0.8 M_{W}=1.0$	$M_{\rm L} = 0.8 \ M_{\rm W} = 0.9$	$M_{L}=0.6 M_{W}=0.9$	$M_{L}=0.8 M_{W}=1.1$	$M_{\rm L} = 0.6 M_{\rm W} = 0.8$	//////////////////////////////////////	$M_{L}=0.5 M_{w}=0.6$	$M_{L}=0.6 M_{W}=0.7$
	011	f _c =25.9 Hz	f _c =26.9 Hz	f _c =24.1 Hz	f _c =24.9 Hz	f _c =31.5 Hz	- f _c ≥05,9 Hz	f _c =31.0 Hz	f _c =30.0 Hz
	10 ⁹ -	2018189132728	2018189142028	2018189152317	2018189160854	2018189163251	2018189173537	2018189195043	2018190005253
	011	$M_{L}=1.1 M_{W}=1.3$ $f_{c}=27.4 Hz$	M_{L} =0.3 M_{w} =0.5 f_{c} =29.6 Hz	$M_L=0.8 M_w=0.9$ $f_c=27.9 \text{ Hz}$	$M_{\rm L} = 1.3 \ M_{\rm W} = 1.6$ = 19.2 Hz	M_L =0.5 M_w =0.5 f_c =33.7 Hz	$M_{c}=0.6M_{w}=1.8$ $f_{c}=5.0 \text{ Hz}$	M _L =1.3 M _w =1.6	$M_L=0.8 M_w=0.9$ $f_c=27.3 \text{ Hz}$
	10 ⁹ -	20101017	200000		20000		-	-	2010105
	[[2018190020811 	2018190025747 	2018190155046 	2018193142500 M _L =0.6 M _w =0.8	2018193204529 M _L =0.8 M _w =0.9	2018194085018 M _L =0.8 M _w =1.0	2018194133411	2018195011432
	011	f _c =31.8 Hz	$f_c = 20.3 \text{ Hz}$	f _c =37.0 Hz	f _c =26.9 Hz	f _c =25.4 Hz	f _c =24.0 Hz	•	$f_c = 30.6 \text{ Hz}$
	10 ⁹ -	2018195074501	2018195123640	2018195172331	2018195195343	2018196003937	2018196010738	2018196071020	2018196133941
1	011 -	M_{L} =0.7 M_{W} =0.7 f_{c} =35.8 Hz	$M_L=0.7 M_W=0.9$ $f_c=29.5 Hz$	$M_{\rm i} = 0.6 M_{\rm w} = 1.7$ $f_{\rm c} = 5.0 \text{ Hz}$	$M_{c}=0.6 M_{w}=1.8$ $f_{c}=5.0 \text{ Hz}$	f _c =03.0 Hz	M_{L} =0.9 M_{w} =1.2 f_{c} =27.0 Hz	M_{L} =0.6 M_{w} =0.7 f_{c} =32.8 Hz	$M_{\rm L} = 1.3 M_{\rm W} = 1.6$ = 18.8 Hz
	10 ⁹ -	- Contract of the contract of			- Manage		-	-	
	[2018196200450 	2018197015541 	2018197070436 	2018197091659 M _L =0.5 M _w =0.5	2018197172535 	2018197183626 	2018199080816 	2018199104200
1	011 -	$M_{\rm L}$ =0.9 $M_{\rm W}$ =1.2 $f_{\rm c}$ =23.1 Hz	$M_{L}=0.7 M_{W}=1.9$ $f_{c}=5.0 \text{ Hz}$	$M_{L}=0.5 M_{W}=0.7$ $f_{c}=28.5 Hz$	$M_L = 0.5 M_W = 0.5$ $f_c = 37.9 \text{ Hz}$	M _L =1.2 M _W =1.5	$M_L = 0.5 M_W = 0.7$ $f_c = 33.2 \text{ Hz}$	M_{L} =0.5 M_{W} =0.6 f_{c} =35.3 Hz	$M_L=1.0 M_W=1.2$ $f_c=24.4 Hz$
:	10 ⁹ -	2018199170820	2018199170914	2018199194117	2018199204703	2018199224500	2018200015608	2018200040208	2018200082657
1	011	$M_{L}=1.1 M_{W}=1.2$ $f_{c}=22.3 Hz$		$M_L=0.9 M_w=1.1$ $f_c=25.4 Hz$	M _L =1.2 M _w =1.5	$M_{\rm L} = 1.5 M_{\rm w} = 1.7$	M_{L} =0.6 M_{w} =0.7 f_{c} =32.7 Hz	$M_L = 0.7 M_W = 1.1$ $f_c = 21.8 \text{ Hz}$	$M_L=0.6 M_w=0.7$ $f_c=33.7 Hz$
	10 ⁹ -	THE PARTY OF THE P						- Bases	-
		2018200100833	2018200100919	2018200102006	2018200105407	2018200105452	2018200105703	2018200134612	2018200143037
1	011	M_{L} =0.4 M_{w} =0.7 f_{c} =24.8 Hz	$M_L=0.8 M_w=0.9$ $f_c=31.1 \text{ Hz}$		M_L =0.6 M_w =0.8 f_c =22.6 Hz	$M_L=0.7 M_w=0.8$ $f_c=25.6 Hz$	$M_L=1.2 M_W=1.2$ $f_c=28.8 Hz$	M_{L} =0.5 M_{w} =0.6 f_{c} =30.1 Hz	$M_L=0.5 M_w=0.6$ $f_c=32.8 Hz$
:	10 ⁹ -	2018200170651	2018200191849	2018201073346	2018201152715	2018202112855	2018202134535	2018202144515	2018202222748
1	Ĺ	M_{L} =0.5 M_{w} =0.5 f_{c} =36.4 Hz	M_{L} =0.5 M_{w} =0.6 f_{c} =36.5 Hz		M_{L} =0.6 M_{w} =0.6 f_{c} =33.0 Hz	$M_L = 0.7 M_w = 0.9$ $f_c = 30.1 \text{ Hz}$	M_{L} =0.5 M_{w} =0.6 f_{c} =32.1 Hz	$M_{L}=0.7 \ M_{W}=0.7 \ f_{c}=34.7 \ Hz$	$M_{L}=1.0 M_{W}=1.2$ $f_{c}=27.6 Hz$
	<u> </u>	. 4 HZ اەد−ى،	ι _c =30.5 Hz		1 _c =33.0 HZ	1c=3U.1 HZ	1 _C =32.1 HZ	I _C =34./ HZ	1 _C -21.0 HZ
	0 ¹¹ -					- L	٦ 🔼 ا	7	7
	0 ¹¹ -	2018202225701	2018202234429	2018203030928	2018203081713	2018203090059	2018203113243	2018203124722	2018203171420
	-	-	$M_{L}=1.1 M_{W}=1.2 f_{c}=26.6 Hz$		2018203081713 $M_L=0.5 \ M_w=0.6$ $f_c=31.7 \ Hz$	2018203090059 M _L =1.4 M _w =1.5 6=23.5-Hz	2018203113243 $M_L=0.9 M_w=1.3$ $f_c=23.3 Hz$	$M_{L}=0.5 M_{W}=0.6$ $f_{c}=32.3 \text{ Hz}$	10 100 10 150
1	10 ⁹ -	2018202225701 $M_{L}=0.5 M_{W}=0.6$ $f_{C}=32.0 \text{ Hz}$	$M_{L}=1.1 M_{W}=1.2$ $f_{c}=26.6 \text{ Hz}$	2018203030928 M _L =0.7 M _w =0.9 f _c =29.9 Hz	M_{L} =0.5 M_{W} =0.6 f_{c} =31.7 Hz	M _L =1.4 M _W =1.5 6=23.5-Hz	$M_{L}=0.9 M_{W}=1.3$ $f_{c}=23.3 \text{ Hz}$	M_{L} =0.5 M_{w} =0.6 f_{c} =32.3 Hz	10 100
1	10 ⁹ -	2018202225701 	$M_{L}=1.1 \ M_{W}=1.2$	2018203030928 M _L =0.7 M _w =0.9	$M_{L}=0.5 M_{W}=0.6$	$M_{L}=1.4 M_{W}=1.5$	$M_{L}=0.9 M_{W}=1.3$	$M_{L}=0.5 M_{W}=0.6$	10 100 - 35 - 28 successory - 14 ts