10 ¹² - 2018	18156105500 ML=0.3 Mw=0.5 fc=57.4 Hz 18159011231 ML=0.7 Mw=0.9 fc=51.1 Hz 18160135358 ML=0.6 Mw=0.6 fc=68.0 Hz 18162102701 ML=1.0 Mw=1.1 fc=50.5 Hz 18171001230 ML=1.3 Mw=1.5 61-35.3 Hz 18171001230 ML=1.3 Mw=0.6 fc=57.4 Hz	2018156132827	$f_c=57.8 \text{ Hz}$ 2018157010141 $M_L=0.8 M_w=1.0$ $f_c=43.3 \text{ Hz}$ 2018159044000 $M_L=0.3 M_w=0.5$ $f_c=56.5 \text{ Hz}$ $M_L=0.7 M_w=0.8$ $f_c=58.3 \text{ Hz}$ 2018162124708 $M_L=1.1 M_w=1.3$ $f_c=34.4 \text{ Hz}$ 2018164031000 $M_L=0.6 M_w=0.7$ $f_c=40.3 \text{ Hz}$ 2018169024000 $M_L=0.8 M_w=0.9$ $f_c=36.0 \text{ Hz}$ 2018171005900 $M_L=1.1 M_w=1.3$ $f_c=33.4 \text{ Hz}$	2018157013858 M _L =0.5 M _w =0.7 f _c =55.0 Hz 2018159120046 M _L =0.6 M _w =0.9 f _c =42.4 Hz 2018161004449 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz	$f_{c}=55.1 \text{ Hz}$ 2018157121700 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=63.1 \text{ Hz}$ 2018159152310 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=62.7 \text{ Hz}$ 2018161102425 $M_{L}=0.9 M_{w}=1.1$ $f_{c}=41.5 \text{ Hz}$ 2018162195803 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=60.3 \text{ Hz}$ 2018165152357 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ 2018169042045 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=51.2 \text{ Hz}$ 2018170145100	f_c =50.9 Hz f_c =50.9 Hz 2018158072013 M_L =0.5 M_w =0.7 f_c =54.1 Hz 2018160051518 M_L =0.8 M_w =0.9 f_c =56.3 Hz M_L =0.7 M_w =0.8 f_c =55.0 Hz 2018162224749 M_L =0.5 M_w =0.6 f_c =50.2 Hz M_L =0.4 M_w =0.3 M_w =0.8 M_w =0.9 M_w =0.8 M_w =0.9	$f_c=46.3 \text{ Hz}$ 2018158204112 $M_L=1.0 M_w=1.4$ $f_c=37.4 \text{ Hz}$ 2018160054115 $M_L=0.2 M_w=0.3$ $f_c=79.7 \text{ Hz}$ 2018162012825 $M_L=0.9 M_w=1.1$ $f_c=41.7 \text{ Hz}$ 2018163001121 $M_L=0.2 M_w=0.4$ $f_c=60.6 \text{ Hz}$ 2018166021841 $M_L=0.4 M_w=0.5$ $f_c=55.4 \text{ Hz}$ 2018169230658 $M_L=0.7 M_w=0.7$ $f_c=42.2 \text{ Hz}$	f_c =41.4 Hz 2018159000959 M_L =0.9 M_w =1.0 f_c =38.8 Hz 2018160102510 M_L =1.4 M_w =1.6 $1.35.3$ Hz 2018162052548 M_L =0.7 M_w =0.8 f_c =48.3 Hz M_L =0.4 M_w =0.6 f_c =65.6 Hz M_L =0.8 M_w =1.0
10 ¹² - 2018	M _L =0.3 M _w =0.5 f _c =57.4 Hz 18159011231 M _L =0.7 M _w =0.9 f _c =51.1 Hz 18160135358 M _L =0.6 M _w =0.6 f _c =68.0 Hz 18162102701 M _L =1.0 M _w =1.1 f _c =50.5 Hz 18168094946 M _L =0.6 M _w =0.7 f _c =57.4 Hz 18171001230 M _L =1.3 M _w =1.5 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	2018156132827 $M_L = 0.8 \ M_w = 0.9 \ f_c = 57.8 \ Hz$ 2018159035257 $M_L = 0.4 \ M_w = 0.4 \ f_c = 69.3 \ Hz$ 2018160181943 $M_L = 0.6 \ M_w = 0.6 \ f_c = 56.8 \ Hz$ 2018162103517 $M_L = 0.5 \ M_w = 0.7 \ f_c = 45.0 \ Hz$ 2018163132124 $M_L = 0.4 \ M_w = 0.5 \ f_c = 49.3 \ Hz$ 2018168112428 $M_L = 0.4 \ M_w = 0.7 \ f_c = 38.1 \ Hz$ 2018171003700 $M_L = 0.8 \ M_w = 0.9 \ f_c = 37.4 \ Hz$	$M_{L}=0.8 M_{w}=1.0 \\ f_{c}=43.3 \text{Hz}$ 2018159044000 $M_{L}=0.3 M_{w}=0.5 \\ f_{c}=56.5 \text{Hz}$ $M_{L}=0.7 M_{w}=0.8 \\ f_{c}=58.3 \text{Hz}$ 2018162124708 $M_{L}=1.1 M_{w}=1.3 \\ f_{c}=34.4 \text{Hz}$ 2018164031000 $M_{L}=0.6 M_{w}=0.7 \\ f_{c}=40.3 \text{Hz}$ 2018169024000 $M_{L}=0.8 M_{w}=0.9 \\ f_{c}=36.0 \text{Hz}$ 2018171005900 $M_{L}=1.1 M_{w}=1.3$	M _L =0.5 M _w =0.7 f _c =55.0 Hz 2018159120046 M _L =0.6 M _w =0.9 f _c =42.4 Hz 2018161004449 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz	$M_{L}=0.6 M_{w}=0.7 \\ f_{c}=63.1 Hz$ 2018159152310 $M_{L}=0.6 M_{w}=0.7 \\ f_{c}=62.7 Hz$ 2018161102425 $M_{L}=0.9 M_{w}=1.1 \\ f_{c}=41.5 Hz$ 2018162195803 $M_{L}=0.7 M_{w}=0.7 \\ f_{c}=60.3 Hz$ 2018165152357 $M_{L}=0.6 M_{w}=0.7 \\ f_{c}=56.9 Hz$ 2018169042045 $M_{L}=0.8 M_{w}=0.9 \\ f_{c}=51.2 Hz$	$M_{L}=0.5 \ M_{w}=0.7 \\ f_{c}=54.1 \ Hz$ 2018160051518 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=56.3 \ Hz$ 2018161172544 $M_{L}=0.7 \ M_{w}=0.8 \\ f_{c}=55.0 \ Hz$ 2018162224749 $M_{L}=0.5 \ M_{w}=0.6 \\ f_{c}=50.2 \ Hz$ 2018165200500 $M_{L}=0.4 \ M_{w}=0.3 \\ f_{c}=67.1 \ Hz$ 2018169213726 $M_{L}=0.7 \ M_{w}=0.8$	$M_{L}=1.0 \ M_{w}=1.4 \\ f_{c}=37.4 \ Hz$ 2018160054115 $M_{L}=0.2 \ M_{w}=0.3 \\ f_{c}=79.7 \ Hz$ 2018162012825 $M_{L}=0.9 \ M_{w}=1.1 \\ f_{c}=41.7 \ Hz$ 2018163001121 $M_{L}=0.2 \ M_{w}=0.4 \\ f_{c}=60.6 \ Hz$ 2018166021841 $M_{L}=0.4 \ M_{w}=0.5 \\ f_{c}=55.4 \ Hz$ 2018169230658 $M_{L}=0.7 \ M_{w}=0.7$	$M_{L}=0.9 M_{W}=1.0 \\ f_{c}=38.8 \text{Hz}$ 2018160102510 $M_{L}=1.4 M_{W}=1.6 \\ 1-35.3 \text{Hz}$ 2018162052548 $M_{L}=0.7 M_{W}=0.8 \\ f_{c}=48.3 \text{Hz}$ 2018163031320 $M_{L}=0.4 M_{W}=0.6 \\ f_{c}=65.6 \text{Hz}$ $M_{L}=0.8 M_{W}=1.0 \\ f_{c}=36.2 \text{Hz}$ 2018170012100
10 ¹⁰ - 2018 10 ¹² - 2018	### 1.0 ### 1.1 ### 1.5 ### 1.3 ### 1.5 ### 1.3 ### 1.5 ### 1.3 ### 1.5 ### 1.3 ### 1.5 ### 1.3 ### 1.5 ### 1.3 ### 1.5 ### 1.3 ### 1.5 ### 1.	$f_c = 57.8 \text{ Hz}$ 2018159035257 $M_L = 0.4 M_w = 0.4$ $f_c = 69.3 \text{ Hz}$ 2018160181943 $M_L = 0.6 M_w = 0.6$ $f_c = 56.8 \text{ Hz}$ 2018162103517 $M_L = 0.5 M_w = 0.7$ $f_c = 45.0 \text{ Hz}$ 2018163132124 $M_L = 0.4 M_w = 0.5$ $f_c = 49.3 \text{ Hz}$ 2018168112428 $M_L = 0.4 M_w = 0.7$ $f_c = 38.1 \text{ Hz}$ 2018170022530 $M_L = 0.8 M_w = 0.9$ $f_c = 37.4 \text{ Hz}$ 2018171003700 $M_L = 0.8 M_w = 0.9$ $f_c = 37.4 \text{ Hz}$	$f_{c}=43.3 \text{ Hz}$ 2018159044000 $M_{L}=0.3 M_{w}=0.5$ $f_{c}=56.5 \text{ Hz}$ 2018160211026 $M_{L}=0.7 M_{w}=0.8$ $f_{c}=58.3 \text{ Hz}$ 2018162124708 $M_{L}=1.1 M_{w}=1.3$ $f_{c}=34.4 \text{ Hz}$ 2018164031000 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=40.3 \text{ Hz}$ 2018169024000 $M_{L}=0.8 M_{w}=0.9$	2018159120046 M _L =0.6 M _w =0.9 f _c =42.4 Hz 2018161004449 M _L =1.0 M _w =1.2 f _c =33.3 Hz M _L =0.4 M _w =0.6 f _c =62.4 Hz	$f_{c}=63.1 \text{ Hz}$ 2018159152310 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=62.7 \text{ Hz}$ 2018161102425 $M_{L}=0.9 M_{w}=1.1$ $f_{c}=41.5 \text{ Hz}$ 2018162195803 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=60.3 \text{ Hz}$ 2018165152357 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ 2018169042045 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=51.2 \text{ Hz}$	f_c =54.1 Hz 2018160051518 M_L =0.8 M_w =0.9 f_c =56.3 Hz 2018161172544 M_L =0.7 M_w =0.8 f_c =55.0 Hz 2018162224749 M_L =0.5 M_w =0.6 f_c =50.2 Hz 2018165200500 M_L =0.4 M_w =0.3 M_L =0.7 M_w =0.8	$f_{c}=37.4 \text{ Hz}$ 2018160054115 $M_{L}=0.2 M_{w}=0.3$ $f_{c}=79.7 \text{ Hz}$ 2018162012825 $M_{L}=0.9 M_{w}=1.1$ $f_{c}=41.7 \text{ Hz}$ 2018163001121 $M_{L}=0.2 M_{w}=0.4$ $f_{c}=60.6 \text{ Hz}$ 2018166021841 $M_{L}=0.4 M_{w}=0.5$ $f_{c}=55.4 \text{ Hz}$ 2018169230658 $M_{L}=0.7 M_{w}=0.7$	$f_c=38.8 \text{ Hz}$ 2018160102510 $M_L=1.4 M_w=1.6$ $6.35.3 \text{ Hz}$ $M_L=0.7 M_w=0.8$ $f_c=48.3 \text{ Hz}$ $M_L=0.4 M_w=0.6$ $f_c=65.6 \text{ Hz}$ $M_L=0.8 M_w=1.0$
10 ¹² - 2018 10 ¹² - 10 ¹⁰ - 2018 10 ¹² - 10 ¹⁰ - 2018 10 ¹² - 2018	$M_L=0.7 \ M_w=0.9 \ f_c=51.1 \ Hz$ 18160135358 $M_L=0.6 \ M_w=0.6 \ f_c=68.0 \ Hz$ 18162102701 $M_L=1.0 \ M_w=1.1 \ f_c=50.5 \ Hz$ 18168094946 $M_L=0.6 \ M_w=0.7 \ f_c=57.4 \ Hz$ 18170013500 $M_L=1.3 \ M_w=1.5 \ M_w=1.$	$M_{L}=0.4 M_{w}=0.4 \\ f_{c}=69.3 \text{Hz}$ 2018160181943 $M_{L}=0.6 M_{w}=0.6 \\ f_{c}=56.8 \text{Hz}$ 2018162103517 $M_{L}=0.5 M_{w}=0.7 \\ f_{c}=45.0 \text{Hz}$ 2018163132124 $M_{L}=0.4 M_{w}=0.5 \\ f_{c}=49.3 \text{Hz}$ 2018168112428 $M_{L}=0.4 M_{w}=0.7 \\ f_{c}=38.1 \text{Hz}$ 2018170022530 $M_{L}=0.8 M_{w}=0.9 \\ f_{c}=37.4 \text{Hz}$ 2018171003700 $M_{L}=0.8 M_{w}=0.9 \\ f_{c}=49.1 \text{Hz}$	$M_{L}=0.3 \ M_{w}=0.5 \\ f_{c}=56.5 \ Hz$ 2018160211026 $M_{L}=0.7 \ M_{w}=0.8 \\ f_{c}=58.3 \ Hz$ 2018162124708 $M_{L}=1.1 \ M_{w}=1.3 \\ f_{c}=34.4 \ Hz$ 2018164031000 $M_{L}=0.6 \ M_{w}=0.7 \\ f_{c}=40.3 \ Hz$ 2018169024000 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=36.0 \ Hz$ 2018171005900 $M_{L}=1.1 \ M_{w}=1.3$	M _L =0.6 M _w =0.9 f _c =42.4 Hz 2018161004449 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz	$M_{L}=0.6 \ M_{w}=0.7 \\ f_{c}=62.7 \ Hz$ 2018161102425 $M_{L}=0.9 \ M_{w}=1.1 \\ f_{c}=41.5 \ Hz$ 2018162195803 $M_{L}=0.7 \ M_{w}=0.7 \\ f_{c}=60.3 \ Hz$ $M_{L}=0.6 \ M_{w}=0.7 \\ f_{c}=56.9 \ Hz$ 2018169042045 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=51.2 \ Hz$	$M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=56.3 \ Hz$ 2018161172544 $M_{L}=0.7 \ M_{w}=0.8 \\ f_{c}=55.0 \ Hz$ 2018162224749 $M_{L}=0.5 \ M_{w}=0.6 \\ f_{c}=50.2 \ Hz$ 2018165200500 $M_{L}=0.4 \ M_{w}=0.3 \\ f_{c}=67.1 \ Hz$ 2018169213726 $M_{L}=0.7 \ M_{w}=0.8$	$M_{L}=0.2 M_{w}=0.3 f_{c}=79.7 \text{ Hz}$ 2018162012825 $M_{L}=0.9 M_{w}=1.1 f_{c}=41.7 \text{ Hz}$ 2018163001121 $M_{L}=0.2 M_{w}=0.4 f_{c}=60.6 \text{ Hz}$ 2018166021841 $M_{L}=0.4 M_{w}=0.5 f_{c}=55.4 \text{ Hz}$ 2018169230658 $M_{L}=0.7 M_{w}=0.7$	$M_{L}=1.4 \ M_{w}=1.6$ 2018162052548 $M_{L}=0.7 \ M_{w}=0.8$ $f_{c}=48.3 \ Hz$ 2018163031320 $M_{L}=0.4 \ M_{w}=0.6$ $f_{c}=65.6 \ Hz$ $M_{L}=0.8 \ M_{w}=1.0$ $f_{c}=36.2 \ Hz$ 2018170012100
$ \begin{array}{ccccccccccccccccccccccccccccccccc$	$M_L=0.7 \ M_w=0.9 \ f_c=51.1 \ Hz$ 18160135358 $M_L=0.6 \ M_w=0.6 \ f_c=68.0 \ Hz$ 18162102701 $M_L=1.0 \ M_w=1.1 \ f_c=50.5 \ Hz$ 18168094946 $M_L=0.6 \ M_w=0.7 \ f_c=57.4 \ Hz$ 18170013500 $M_L=1.3 \ M_w=1.5 \ M_w=1.$	$M_{L}=0.4 M_{w}=0.4 \\ f_{c}=69.3 \text{Hz}$ 2018160181943 $M_{L}=0.6 M_{w}=0.6 \\ f_{c}=56.8 \text{Hz}$ 2018162103517 $M_{L}=0.5 M_{w}=0.7 \\ f_{c}=45.0 \text{Hz}$ 2018163132124 $M_{L}=0.4 M_{w}=0.5 \\ f_{c}=49.3 \text{Hz}$ 2018168112428 $M_{L}=0.4 M_{w}=0.7 \\ f_{c}=38.1 \text{Hz}$ 2018170022530 $M_{L}=0.8 M_{w}=0.9 \\ f_{c}=37.4 \text{Hz}$ 2018171003700 $M_{L}=0.8 M_{w}=0.9 \\ f_{c}=49.1 \text{Hz}$	$M_{L}=0.3 \ M_{w}=0.5 \\ f_{c}=56.5 \ Hz$ 2018160211026 $M_{L}=0.7 \ M_{w}=0.8 \\ f_{c}=58.3 \ Hz$ 2018162124708 $M_{L}=1.1 \ M_{w}=1.3 \\ f_{c}=34.4 \ Hz$ 2018164031000 $M_{L}=0.6 \ M_{w}=0.7 \\ f_{c}=40.3 \ Hz$ 2018169024000 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=36.0 \ Hz$ 2018171005900 $M_{L}=1.1 \ M_{w}=1.3$	M _L =0.6 M _w =0.9 f _c =42.4 Hz 2018161004449 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz	$M_{L}=0.6 \ M_{w}=0.7 \\ f_{c}=62.7 \ Hz$ 2018161102425 $M_{L}=0.9 \ M_{w}=1.1 \\ f_{c}=41.5 \ Hz$ 2018162195803 $M_{L}=0.7 \ M_{w}=0.7 \\ f_{c}=60.3 \ Hz$ $M_{L}=0.6 \ M_{w}=0.7 \\ f_{c}=56.9 \ Hz$ 2018169042045 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=51.2 \ Hz$	$M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=56.3 \ Hz$ 2018161172544 $M_{L}=0.7 \ M_{w}=0.8 \\ f_{c}=55.0 \ Hz$ 2018162224749 $M_{L}=0.5 \ M_{w}=0.6 \\ f_{c}=50.2 \ Hz$ 2018165200500 $M_{L}=0.4 \ M_{w}=0.3 \\ f_{c}=67.1 \ Hz$ 2018169213726 $M_{L}=0.7 \ M_{w}=0.8$	$M_{L}=0.2 M_{w}=0.3 f_{c}=79.7 \text{ Hz}$ 2018162012825 $M_{L}=0.9 M_{w}=1.1 f_{c}=41.7 \text{ Hz}$ 2018163001121 $M_{L}=0.2 M_{w}=0.4 f_{c}=60.6 \text{ Hz}$ 2018166021841 $M_{L}=0.4 M_{w}=0.5 f_{c}=55.4 \text{ Hz}$ 2018169230658 $M_{L}=0.7 M_{w}=0.7$	$M_{L}=1.4 \ M_{w}=1.6$ 2018162052548 $M_{L}=0.7 \ M_{w}=0.8$ $f_{c}=48.3 \ Hz$ 2018163031320 $M_{L}=0.4 \ M_{w}=0.6$ $f_{c}=65.6 \ Hz$ $M_{L}=0.8 \ M_{w}=1.0$ $f_{c}=36.2 \ Hz$ 2018170012100
10 ¹⁰ - 2018 10 ¹² - 10 ¹⁰ - 2018 10 ¹² - 2018 10 ¹² - 2018 10 ¹² - 2018 10 ¹⁰ - 2018	### 1.3 Mw = 1.5 ### 1.3 Mw =	$f_{c}=69.3 \text{ Hz}$ 2018160181943 $M_{L}=0.6 M_{w}=0.6$ $f_{c}=56.8 \text{ Hz}$ 2018162103517 $M_{L}=0.5 M_{w}=0.7$ $f_{c}=45.0 \text{ Hz}$ 2018163132124 $M_{L}=0.4 M_{w}=0.5$ $f_{c}=49.3 \text{ Hz}$ 2018168112428 $M_{L}=0.4 M_{w}=0.7$ $f_{c}=38.1 \text{ Hz}$ 2018170022530 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=37.4 \text{ Hz}$ 2018171003700 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=49.1 \text{ Hz}$	f_c =56.5 Hz 2018160211026 M_L =0.7 M_w =0.8 f_c =58.3 Hz 2018162124708 M_L =1.1 M_w =1.3 f_c =34.4 Hz 2018164031000 M_L =0.6 M_w =0.7 f_c =40.3 Hz 2018169024000 M_L =0.8 M_w =0.9 M_L =0.8 M_w =0.9 M_L =36.0 Hz 2018171005900 M_L =1.1 M_w =1.3	2018161004449 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz	$f_{c}=62.7 \text{ Hz}$ 2018161102425 $M_{L}=0.9 M_{w}=1.1$ $f_{c}=41.5 \text{ Hz}$ 2018162195803 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=60.3 \text{ Hz}$ 2018165152357 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ 2018169042045 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=51.2 \text{ Hz}$	f_c =56.3 Hz 2018161172544 M_L =0.7 M_w =0.8 f_c =55.0 Hz M_L =0.5 M_w =0.6 f_c =50.2 Hz M_L =0.4 M_w =0.3 f_c =67.1 Hz M_L =0.7 M_w =0.8	f_c =79.7 Hz 2018162012825 M_L =0.9 M_w =1.1 f_c =41.7 Hz 2018163001121 M_L =0.2 M_w =0.4 f_c =60.6 Hz 2018166021841 M_L =0.4 M_w =0.5 f_c =55.4 Hz 2018169230658	2018162052548 $M_L=0.7 M_w=0.8 f_c=48.3 \text{ Hz}$ 2018163031320 $M_L=0.4 M_w=0.6 f_c=65.6 \text{ Hz}$ $M_L=0.8 M_w=1.0 f_c=36.2 \text{ Hz}$ 2018170012100
10 ¹² - 2018	M _L =0.6 M _w =0.6 f _c =68.0 Hz 18162102701 M _L =1.0 M _w =1.1 f _c =50.5 Hz 18168094946 M _L =0.6 M _w =0.7 f _c =57.4 Hz 18171001230 M _L =1.3 M _w =1.5 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	$M_{L}=0.6 \ M_{w}=0.6 \ f_{c}=56.8 \ Hz$ 2018162103517 $M_{L}=0.5 \ M_{w}=0.7 \ f_{c}=45.0 \ Hz$ 2018163132124 $M_{L}=0.4 \ M_{w}=0.5 \ f_{c}=49.3 \ Hz$ 2018168112428 $M_{L}=0.4 \ M_{w}=0.7 \ f_{c}=38.1 \ Hz$ 2018170022530 $M_{L}=0.8 \ M_{w}=0.9 \ f_{c}=37.4 \ Hz$ 2018171003700 $M_{L}=0.8 \ M_{w}=0.9 \ f_{c}=49.1 \ Hz$	M _L =0.7 M _w =0.8 f _c =58.3 Hz 2018162124708 M _L =1.1 M _w =1.3 f _c =34.4 Hz 2018164031000 M _L =0.6 M _w =0.7 f _c =40.3 Hz 2018169024000 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	2018162134139 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz	$M_{L}=0.9 M_{w}=1.1$ $f_{c}=41.5 \text{ Hz}$ 2018162195803 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=60.3 \text{ Hz}$ 2018165152357 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ $M_{L}=0.8 M_{w}=0.9$ $M_{L}=0.8 M_{w}=0.9$ $M_{L}=0.8 M_{w}=0.9$	$M_{L}=0.7 M_{w}=0.8$ $f_{c}=55.0 \text{ Hz}$ 2018162224749 $M_{L}=0.5 M_{w}=0.6$ $f_{c}=50.2 \text{ Hz}$ 2018165200500 $M_{L}=0.4 M_{w}=0.3$ $f_{c}=67.1 \text{ Hz}$ 2018169213726 $M_{L}=0.7 M_{w}=0.8$	$M_L=0.9 \ M_w=1.1 \ f_c=41.7 \ Hz$ 2018163001121 $M_L=0.2 \ M_w=0.4 \ f_c=60.6 \ Hz$ $M_L=0.4 \ M_w=0.5 \ f_c=55.4 \ Hz$ $M_L=0.7 \ M_w=0.7 \ M_w=0.7$	$M_L=0.7 M_w=0.8$ $f_c=48.3 \text{ Hz}$ $M_L=0.4 M_w=0.6$ $f_c=65.6 \text{ Hz}$ $M_L=0.8 M_w=1.0$ $f_c=36.2 \text{ Hz}$ $M_L=0.8170012100$
10 ¹⁰ - 2018 10 ¹² - 10 ¹⁰ - 2018 10 ¹² - 2018	### ### ### ### ### ### ### ### ### ##	f_c =56.8 Hz 2018162103517 M_L =0.5 M_w =0.7 f_c =45.0 Hz 2018163132124 M_L =0.4 M_w =0.5 f_c =49.3 Hz M_L =0.4 M_w =0.7 f_c =38.1 Hz M_L =0.8 M_w =0.9 f_c =37.4 Hz M_L =0.8 M_w =0.9 f_c =49.1 Hz	f_c =58.3 Hz 2018162124708 M_L =1.1 M_w =1.3 f_c =34.4 Hz 2018164031000 M_L =0.6 M_w =0.7 f_c =40.3 Hz 2018169024000 M_L =0.8 M_w =0.9 f_c =36.0 Hz 2018171005900 M_L =1.1 M_w =1.3	2018162134139 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz 2018169033430	$f_{c}=41.5 \text{ Hz}$ 2018162195803 $M_{L}=0.7 M_{w}=0.7$ $f_{c}=60.3 \text{ Hz}$ 2018165152357 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ 2018169042045 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=51.2 \text{ Hz}$	f_c =55.0 Hz 2018162224749 M_L =0.5 M_w =0.6 f_c =50.2 Hz 2018165200500 M_L =0.4 M_w =0.3 f_c =67.1 Hz 2018169213726 M_L =0.7 M_w =0.8	f_c =41.7 Hz 2018163001121 M_L =0.2 M_w =0.4 f_c =60.6 Hz 2018166021841 M_L =0.4 M_w =0.5 f_c =55.4 Hz M_L =0.7 M_w =0.7	f_c =48.3 Hz 2018163031320 M_L =0.4 M_w =0.6 f_c =65.6 Hz M_L =0.8 M_w =1.0 f_c =36.2 Hz 2018170012100
10 ¹² - 2018	18162102701 M _L =1.0 M _w =1.1 f _c =50.5 Hz 18168094946 M _L =0.6 M _w =0.7 f _c =57.4 Hz 18170013500 M _L =1.3 M _w =1.5 1=35.3 Hz 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	2018162103517 $M_{L}=0.5 \ M_{w}=0.7 \ f_{c}=45.0 \ Hz$ 2018163132124 $M_{L}=0.4 \ M_{w}=0.5 \ f_{c}=49.3 \ Hz$ 2018168112428 $M_{L}=0.4 \ M_{w}=0.7 \ f_{c}=38.1 \ Hz$ 2018170022530 $M_{L}=0.8 \ M_{w}=0.9 \ f_{c}=37.4 \ Hz$ 2018171003700 $M_{L}=0.8 \ M_{w}=0.9 \ f_{c}=49.1 \ Hz$	2018162124708 M _L =1.1 M _w =1.3 f _c =34.4 Hz 2018164031000 M _L =0.6 M _w =0.7 f _c =40.3 Hz 2018169024000 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	2018162134139 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz 2018169033430	$M_{L}=0.7 M_{w}=0.7$ $f_{c}=60.3 \text{ Hz}$ 2018165152357 $M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ 2018169042045 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=51.2 \text{ Hz}$			2018163031320 M _L =0.4 M _w =0.6 f _c =65.6 Hz 2018166111647 M _L =0.8 M _w =1.0 f _c =36.2 Hz
10 ¹² - 2018	$M_{L}=1.0 M_{w}=1.1 f_{c}=50.5 Hz$ $M_{L}=0.6 M_{w}=0.7 f_{c}=57.4 Hz$ $M_{L}=1.3 M_{w}=1.5 M_{w$	$M_{L}=0.5 \ M_{w}=0.7 \\ f_{c}=45.0 \ Hz$ 2018163132124 $M_{L}=0.4 \ M_{w}=0.5 \\ f_{c}=49.3 \ Hz$ $M_{L}=0.4 \ M_{w}=0.7 \\ f_{c}=38.1 \ Hz$ 2018170022530 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=37.4 \ Hz$ 2018171003700 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=49.1 \ Hz$	$M_{L}=1.1 M_{W}=1.3 f_{c}=34.4 Hz$ 2018164031000 $M_{L}=0.6 M_{W}=0.7 f_{c}=40.3 Hz$ 2018169024000 $M_{L}=0.8 M_{W}=0.9 f_{c}=36.0 Hz$ 2018171005900 $M_{L}=1.1 M_{W}=1.3$	2018162134139 M _L =1.0 M _w =1.2 f _c =33.3 Hz 2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz 2018169033430	$M_{L}=0.7 M_{W}=0.7$ $f_{c}=60.3 \text{ Hz}$ $M_{L}=0.6 M_{W}=0.7$ $f_{c}=56.9 \text{ Hz}$ $M_{L}=0.8 M_{W}=0.9$ $f_{c}=51.2 \text{ Hz}$	$M_L=0.5 M_w=0.6$ $f_c=50.2 \text{ Hz}$ $M_L=0.4 M_w=0.3$ $f_c=67.1 \text{ Hz}$ $M_L=0.7 M_w=0.8$	$M_L=0.2 M_w=0.4$ $f_c=60.6 \text{ Hz}$ 2018166021841 $M_L=0.4 M_w=0.5$ $f_c=55.4 \text{ Hz}$ 2018169230658 $M_L=0.7 M_w=0.7$	$M_L=0.4 M_w=0.6$ $f_c=65.6 \text{ Hz}$ $M_L=0.8 M_w=1.0$ $f_c=36.2 \text{ Hz}$ $M_L=0.8 M_w=1.0$
10 ¹⁰ - 2018 10 ¹² - 2018	M _L =1.0 M _w =1.1 f _c =50.5 Hz 18168094946 M _L =0.6 M _w =0.7 f _c =57.4 Hz 18170013500 M _L =1.3 M _w =1.5 1=35.3 Hz 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	$f_{c}=45.0 \text{ Hz}$ 2018163132124 $M_{L}=0.4 M_{w}=0.5$ $f_{c}=49.3 \text{ Hz}$ 2018168112428 $M_{L}=0.4 M_{w}=0.7$ $f_{c}=38.1 \text{ Hz}$ 2018170022530 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=37.4 \text{ Hz}$ 2018171003700 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=49.1 \text{ Hz}$	2018164031000 M _L =0.6 M _w =0.7 f _c =40.3 Hz 2018169024000 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	2018165002042 M _L =0.4 M _w =0.6 f _c =62.4 Hz	f_c =60.3 Hz 2018165152357 M_L =0.6 M_w =0.7 f_c =56.9 Hz M_L =0.8 M_w =0.9 f_c =51.2 Hz	f_c =50.2 Hz 2018165200500 M_L =0.4 M_w =0.3 f_c =67.1 Hz 2018169213726 M_L =0.7 M_w =0.8	f _c =60.6 Hz 2018166021841 M _L =0.4 M _w =0.5 f _c =55.4 Hz 2018169230658 M _L =0.7 M _w =0.7	f_c =65.6 Hz 2018166111647 M_L =0.8 M_w =1.0 f_c =36.2 Hz 2018170012100
10 ¹² - 2018 10 ¹⁰ - 2018	M _L =1.0 M _w =1.1 f _c =50.5 Hz 18168094946 M _L =0.6 M _w =0.7 f _c =57.4 Hz 18170013500 M _L =1.3 M _w =1.5 1=35.3 Hz 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	$M_{L}=0.4 \ M_{w}=0.5 \\ f_{c}=49.3 \ Hz$ 2018168112428 $M_{L}=0.4 \ M_{w}=0.7 \\ f_{c}=38.1 \ Hz$ 2018170022530 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=37.4 \ Hz$ $M_{L}=0.8 \ M_{w}=0.9 \\ H_{c}=49.1 \ Hz$	2018169024000 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	M _L =0.4 M _w =0.6 f _c =62.4 Hz	$M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ 2018169042045 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=51.2 \text{ Hz}$	$M_L=0.4 M_w=0.3$ $f_c=67.1 Hz$ 0.18169213726 0.18169213726 0.18169213726	$M_L=0.4 M_w=0.5$ $f_c=55.4 \text{ Hz}$ 0.18169230658 0.18169230658	$M_L=0.8 M_W=1.0$ $f_c=36.2 \text{ Hz}$ $0.00000000000000000000000000000000000$
10 ¹² - 2018	M _L =1.0 M _w =1.1 f _c =50.5 Hz 18168094946 M _L =0.6 M _w =0.7 f _c =57.4 Hz 18170013500 M _L =1.3 M _w =1.5 1=35.3 Hz 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	$M_{L}=0.4 \ M_{w}=0.5 \\ f_{c}=49.3 \ Hz$ 2018168112428 $M_{L}=0.4 \ M_{w}=0.7 \\ f_{c}=38.1 \ Hz$ 2018170022530 $M_{L}=0.8 \ M_{w}=0.9 \\ f_{c}=37.4 \ Hz$ $M_{L}=0.8 \ M_{w}=0.9 \\ H_{c}=49.1 \ Hz$	2018169024000 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	M _L =0.4 M _w =0.6 f _c =62.4 Hz	$M_{L}=0.6 M_{w}=0.7$ $f_{c}=56.9 \text{ Hz}$ 2018169042045 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=51.2 \text{ Hz}$	$M_L=0.4 M_w=0.3$ $f_c=67.1 Hz$ 0.18169213726 0.18169213726 0.18169213726	$M_L=0.4 M_w=0.5$ $f_c=55.4 \text{ Hz}$ 0.18169230658 0.18169230658	$M_L=0.8 M_W=1.0$ $f_c=36.2 \text{ Hz}$ $0.00000000000000000000000000000000000$
10 ¹⁰ - 2018 10 ¹² - 2018	### 18171001230 ### 18171120032 ### 18171120032 ### 18171120032 ### 18171120032	f_c =49.3 Hz 2018168112428 M_L =0.4 M_w =0.7 f_c =38.1 Hz 2018170022530 M_L =0.8 M_w =0.9 f_c =37.4 Hz M_L =0.8 M_w =0.9 M_c =1 Hz	2018169024000 2018170070706 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	f _c =62.4 Hz	f _c =56.9 Hz 2018169042045 M _L =0.8 M _w =0.9 f _c =51.2 Hz	f _c =67.1 Hz 2018169213726	f _c =55.4 Hz 2018169230658 M _L =0.7 M _w =0.7	f _c =36.2 Hz
10 ¹² - 2018 10 ¹⁰ - 2018	$M_{L}=0.6 M_{w}=0.7$ $f_{c}=57.4 Hz$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.5 M_{w}=1.5$ $M_{L}=1.5$ $M_{L}=1.5 M_{w}=1.5$ $M_{L}=1.5 M_{$	$M_{L}=0.4 M_{w}=0.7$ $f_{c}=38.1 \text{ Hz}$ 2018170022530 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=37.4 \text{ Hz}$ 2018171003700 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=49.1 \text{ Hz}$	2018170070706 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	2018170141444	$M_{L}=0.8 M_{W}=0.9$ $f_{c}=51.2 Hz$	$M_{L}=0.7 M_{W}=0.8$	$M_{L}=0.7 M_{W}=0.7$	
10 ¹² - 2018	$M_{L}=0.6 M_{w}=0.7$ $f_{c}=57.4 Hz$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.3 M_{w}=1.5$ $M_{L}=1.5 M_{w}=1.5$ $M_{L}=1.5$ $M_{L}=1.5 M_{w}=1.5$ $M_{L}=1.5 M_{$	$M_{L}=0.4 M_{w}=0.7$ $f_{c}=38.1 \text{ Hz}$ 2018170022530 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=37.4 \text{ Hz}$ 2018171003700 $M_{L}=0.8 M_{w}=0.9$ $f_{c}=49.1 \text{ Hz}$	2018170070706 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	2018170141444	$M_{L}=0.8 M_{W}=0.9$ $f_{c}=51.2 Hz$	$M_{L}=0.7 M_{W}=0.8$	$M_{L}=0.7 M_{W}=0.7$	
10 ¹⁰ - 2018	18170013500 M _L =1.3 M _w =1.5 135.3 Hz 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	f _c =38.1 Hz 2018170022530 M _L =0.8 M _w =0.9 f _c =37.4 Hz 2018171003700 M _L =0.8 M _w =0.9 f _c =49.1 Hz	2018170070706 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	-	f _c =51.2 Hz			
10 ¹² - 2018	M _L =1.3 M _w =1.5 1=35.3-Hz 18171001230 M _L =0.6 M _w =0.6 f _c =55.0 Hz	$M_{L}=0.8 M_{W}=0.9$ $f_{c}=37.4 \text{ Hz}$ 2018171003700 $M_{L}=0.8 M_{W}=0.9$ $f_{c}=49.1 \text{ Hz}$	2018170070706 M _L =0.8 M _w =0.9 f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3	-	2018170145100	, I		f _c =47.7 Hz
10 ¹⁰ - 2018 10 ¹² - 2018 10 ¹² - 2018 10 ¹² - 2018 10 ¹² - 2018	18171120032 M _L =0.6 M _w =0.6 f _c =55.0 Hz	f _c =37.4 Hz 2018171003700 M _L =0.8 M _w =0.9 f _c =49.1 Hz	f _c =36.0 Hz 2018171005900 M _L =1.1 M _w =1.3		' '	2018170191546	2018170200105	2018170210141
10 ¹² - 2018 10 ¹² - 2018 10 ¹² - 2018	18171120032 M _L =0.6 M _w =0.6 f _c =55.0 Hz	M_{L} =0.8 M_{W} =0.9 f_{c} =49.1 Hz	$M_{L}=1.1 M_{W}=1.3$	-	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=54.4 Hz$	$M_L = 0.8 M_W = 0.8$ $f_c = 44.3 Hz$	M_{L} =0.6 M_{w} =0.6 f_{c} =61.8 Hz	$M_L = 0.6 M_W = 0.6$ $f_c = 61.2 \text{ Hz}$
10 ¹² - 2018 10 ¹² - 2018 10 ¹² - 2018	18171120032 M _L =0.6 M _w =0.6 f _c =55.0 Hz	M_{L} =0.8 M_{W} =0.9 f_{c} =49.1 Hz	$M_{L}=1.1 M_{W}=1.3$		-			-
10 ¹⁰ - 2018 10 ¹² - 2018 10 ¹² - 2018	M _L =0.6 M _w =0.6 f _c =55.0 Hz	f _c =49.1 Hz		2018171034700	2018171100309	2018171100500	2018171101020	2018171113245
10 ¹² - 2018 10 ¹² -	M _L =0.6 M _w =0.6 f _c =55.0 Hz	2018171170704		7,035,7 Hz	$M_L=0.4 M_w=0.6$ $f_c=54.2 \text{ Hz}$	$M_L=0.8 M_w=1.0$ $f_c=32.7 Hz$	$M_L=0.5 M_w=0.6$ $f_c=48.6 \text{ Hz}$	-
10 ¹² - 2018 10 ¹² -	M_{L} =0.6 M_{w} =0.6 f_{c} =55.0 Hz	20181/1170704	2010171777	2010171005	20101710075	20101720055	201017201577	2010172041720
10 ¹⁰ - 2018 10 ¹² -	f _c =55.0 Hz	$M_{L}=0.8 M_{W}=0.9$	2018171173814 	2018171232614 M _L =0.8 M _w =1.0	2018171233929 M _L =0.8 M _w =0.9	2018172001100 	2018172010600 M _L =0.4 M _w =0.5	2018172041700 M _L =1.0 M _w =1.3
10 ¹² -	101707000	M_{L} =0.8 M_{W} =0.9 f_{c} =53.1 Hz	$M_L=1.2 M_W=1.5$	$M_{L}=0.8 M_{W}=1.0$ $f_{c}=37.0 \text{ Hz}$	$M_L = 0.8 M_W = 0.9$ $f_c = 45.6 \text{ Hz}$	$M_L = 0.7 M_w = 0.8$ $f_c = 51.3 \text{ Hz}$	$M_L = 0.4 M_W = 0.5$ $f_c = 61.2 \text{ Hz}$	$M_L=1.0 M_W=1.3$ $f_c=26.8 \text{ Hz}$
	18172070230	2018172090030	2018172175518	2018172180735	2018172183326	2018172230708	2018172234909	2018173042858
1010 -	$M_{L}=0.9 M_{W}=1.0$ $f_{c}=41.1 Hz$	$M_{L}=0.7 M_{W}=0.9$ $f_{c}=41.0 \text{ Hz}$	$M_{L}=0.9 M_{W}=1.0$ $f_{c}=50.0 \text{ Hz}$	$M_{L}=0.5 M_{W}=0.6$ $f_{c}=49.3 Hz$	$M_{L}=1.0 M_{W}=1.2$ $f_{c}=36.9 Hz$	$M_{L}=1.1 M_{W}=1.3$ $f_{c}=30.7 Hz$	$M_{L}=0.0 M_{W}=0.6$ $f_{c}=48.9 Hz$	$M_{L}=0.6 M_{W}=0.7$ $f_{c}=46.1 \text{ Hz}$
10				13.5112	- 303112	- 000000		
2018	18173043508	2018173072237	2018173130130	2018173142304	2018173151655	2018173181236	2018173191258	2018173214953
1012 -	M_{L} =0.8 M_{w} =1.0 f_{c} =36.2 Hz	$M_L = 0.7 M_w = 0.8$ $f_C = 47.8 \text{ Hz}$	$M_L = 0.9 M_w = 1.0$ $f_c = 32.1 \text{ Hz}$	$M_L=1.0 M_w=1.2$ $f_c=39.9 Hz$	$M_L=0.7 M_w=0.8$ $f_c=58.3 Hz$	$M_L=1.1 M_w=1.3$ $f_c=39.7 Hz$	$M_L=0.6 M_w=0.6$ $f_c=57.4 Hz$	$M_L = 0.5 M_w = 0.6$ $f_c = 56.0 \text{ Hz}$
10 ¹⁰ -	See See	- Contract of the contract of		-	***************************************	-	•	
12	18173220003	2018174040400	2018174043300	2018174062000	2018174064100	2018174085934	2018174131934	2018174154112
	$M_L=1.1 M_W=1.2$ $f_c=32.4 Hz$		$M_{L}=0.4 M_{W}=0.5$ $f_{c}=54.1 \text{ Hz}$	$M_{L}=0.8 M_{W}=1.0$ $f_{c}=31.7 Hz$	$M_L = 0.5 M_W = 0.5$ $f_c = 51.9 \text{ Hz}$	$M_L = 0.8 M_W = 0.9$ $f_c = 49.7 \text{ Hz}$	$M_L = 0.5 M_W = 0.7$ $f_c = 57.8 \text{ Hz}$	M_L =0.7 M_w =0.8 f_c =42.8 Hz
Ct.r.n W3	18175062422	2018175071713	2018175132759	2018176001813	2018176155852	2018176170554	2018176210520	2018177104730
3 L E 10 ¹² -	$M_{L}=0.5 M_{W}=0.6$	$M_{L}=0.9 M_{W}=1.2$	$M_{L}=0.8 M_{W}=1.0$	M _L =1.2 M _w =1.4	$M_{L}=0.9 M_{W}=1.0$		$M_{L}=1.5 M_{W}=1.6$	M _L =0.6 M _w =0.8
spe	f _c =61.8 Hz	f _c =39.9 Hz	f _c =43.8 Hz	£=35.9 Hz	f _c =36.3 Hz	7 _c 34.2 Hz	2-28.9 H2	f _c =33.3 Hz
2018 2018 2018 10 ¹²	18178152609	2018178222942	2018179053245	2018179233042	2018180013150	2018180040100	2018180094138	2018181040940
Sign 10 ¹²	M _L =1.4 M _w =1.6	$M_L = 0.8 M_W = 1.1$ $f_c = 35.9 \text{ Hz}$	M_{L} =0.8 M_{w} =1.0 f_{c} =45.0 Hz	$M_{L}=1.0 M_{W}=1.2$ $f_{c}=37.2 Hz$	$M_L=1.1 M_w=1.3$ $f_c=31.4 \text{ Hz}$	$M_L = 0.8 M_w = 1.0$ $f_c = 36.0 \text{ Hz}$	$M_L=0.9 M_w=1.0$ $f_c=45.7 Hz$	$M_L=0.7 M_w=0.9$ $f_c=37.9 Hz$
OS 10 ¹⁰ -					-			-
12	18181065239	2018181192300	2018182124340	2018182203248	2018182212250	2018182233301	2018183155952	2018183202531
-00	$M_L=1.0 M_W=1.2$ $f_c=30.4 Hz$	M_L =0.6 M_w =0.7 f_c =43.9 Hz	$M_{L}=1.1 \ M_{W}=1.2 \ f_{c}=36.3 \ Hz$	$M_{L}=1.2 M_{W}=1.4$ $f_{c}=29.4 Hz$	$M_L=0.9 M_W=1.1$ $f_c=37.3 Hz$	$M_L=1.1 M_W=1.2$ $f_c=35.3 Hz$	$M_L=1.1 M_w=1.0$ $f_c=41.6 Hz$	$M_L = 0.7 M_w = 0.9$ $f_c = 43.2 \text{ Hz}$
10 ¹⁰ -	18183215029	2018184003003	2018184201046	2018184202906	2018185001326	2018185014623	2018185034551	2018185120950
12	$M_{\rm L}$ =0.7 $M_{\rm w}$ =0.9	M _L =0.7 M _w =0.7	M _L =1.4 M _w =1.6	-	$M_{L}=0.8 M_{W}=0.9$	$M_{L}=0.9 M_{W}=1.0$	$M_L=0.5 M_w=0.6$	$M_{L}=0.7 M_{W}=0.7$
10 ¹⁰ -	f _c =43.5 Hz	f _c =45.5 Hz	=25.8 HZ		f _c =45.6 Hz	f _c =40.1 Hz	f _c =49.3 Hz	f _c =43.8 Hz
2018	18185145450	2018185155423	2018186070100	2018186092109	2018186115357	2018186131522	2018186202646	2018186215007
1012	M_{L} =0.6 M_{W} =0.7 f_{c} =45.0 Hz	$M_L = 0.6 M_W = 0.6$ $f_C = 52.7 \text{ Hz}$	M _L =1.3 M _w =1.6	$M_L=0.8 M_W=1.0$ $f_c=33.7 Hz$	$M_L=0.6 M_w=0.7$ $f_c=35.9 \text{ Hz}$	- M _L =1.4 M _w =1.6	$M_L=1.0 M_w=1.2$ $f_c=37.9 Hz$	$M_L=0.7 M_w=0.8$ $f_c=49.7 Hz$
1010 -			-	- Contract of the contract of		-		
L 	18187034808	2018187062657	2018187084836	2018188142051	2018188161324	2018188173124	2018188175428	2018188193122
	M_{L} =0.7 M_{w} =0.8 f_{c} =42.9 Hz	M_L =0.8 M_w =1.0 f_c =34.3 Hz	$M_L=0.7 M_W=0.9$ $f_c=32.8 Hz$	$M_L=0.6 M_W=0.8$ $f_c=54.7 Hz$	$M_L=0.7 M_w=0.7$ $f_c=51.7 Hz$	$M_L=0.6 M_W=0.7$ $f_c=47.1 Hz$	$M_L=0.4 M_w=0.6$ $f_c=52.7 Hz$	$M_L=0.5 M_w=0.9$ $f_c=39.4 Hz$
10 ¹⁰ -	18188202905	2018188214438	2018188214700	2018188214802	2018189060720	2018189070945	2018189095118	2018189132739
12	$M_{L}=0.8 M_{W}=1.0$	$M_{L}=0.8 M_{W}=0.9$	$M_{L}=0.6 M_{W}=0.8$	$M_{L}=0.8 M_{W}=1.0$	$M_{L}=0.6 M_{W}=0.8$	2018189070845 	$M_{L}=0.5 M_{W}=0.5$	2018189132738
1010 -	f _c =38.3 Hz	f _c =41.0 Hz	f _c =39.0 Hz	f _c =36.7 Hz	f _c =49.6 Hz	f _c = 8.2 Hz	f _c =51.6 Hz	f _c =46.5 Hz
	18189132728	2018189142028	2018189152317	2018189160854	2018189163251	2018189173537	2018189195043	2018190005253
1012	$M_{L}=1.1 M_{W}=1.3$ $f_{c}=40.8 \text{ Hz}$	$M_L = 0.3 M_W = 0.5$ $f_c = 49.3 Hz$	$M_L = 0.8 M_w = 0.9$ $f_c = 42.9 \text{ Hz}$	$M_{L}=1.3 M_{W}=1.6$	$M_L=0.5 M_W=0.5$ $f_c=59.3 Hz$	$M_L=0.6 M_w=0.7$ $f_c=45.8 \text{ Hz}$	- M _L =1.3 M _w =1.5	$M_L = 0.8 M_w = 0.9$ $f_c = 42.2 \text{ Hz}$
1010 -	and a second						-	- Cook of the cook
12	18190020811	2018190025747	2018190155046	2018193142500	2018193204529	2018194085018	2018194133411	2018195011432
	M_{L} =0.6 M_{w} =0.6 f_{c} =53.8 Hz	M_L =0.9 M_w =1.2 f_c =30.4 Hz	M_{L} =0.5 M_{w} =0.5 f_{c} =62.1 Hz	$M_{L}=0.6 M_{W}=0.7$ $f_{c}=42.0 Hz$	$M_L=0.8 M_w=0.9$ $f_c=38.6 \text{ Hz}$	M_L =0.8 M_w =1.0 f_c =35.5 Hz	•	$M_L=0.7 M_W=0.9$ $f_c=48.5 Hz$
10 ¹⁰	18195074501	2018195123640	2018195172331	2018195195343	2018196003937	2018196010738	2018196071020	2018196133941
10 ¹² -	$M_{L}=0.7 M_{w}=0.7$	$M_{L}=0.7 M_{W}=0.9$	$M_{L}=0.6 M_{W}=0.5$	$M_{L}=0.6 M_{W}=0.7$		$M_{L}=0.9 M_{W}=1.1$	$M_{L}=0.6 M_{W}=0.7$	$M_{L}=1.3 \ M_{w}=1.6$
1010 -	f _c =58.0 Hz	f _c =45.8 Hz	f _c =59.0 Hz	f _c =46.5 Hz	f _c ≡UE 1 Hz	f _c =41.0 Hz	f _c =54.1 Hz	=24.5 Hz
	18196200450	2018197015541	2018197070436	2018197091659	2018197172535	2018197183626	2018199080816	2018199104200
1012	$M_L = 0.9 M_W = 1.2$ $f_c = 34.3 \text{ Hz}$	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=59.7 Hz$	$M_{L}=0.5 M_{W}=0.5$ $f_{c}=56.1 \text{ Hz}$	$M_{L}=0.5 M_{W}=0.5$ $f_{c}=57.4 Hz$	$M_L=1.2 M_W=1.5$	$M_L = 0.5 M_w = 0.7$ $f_c = 54.1 \text{ Hz}$	$M_L=0.5 M_w=0.6$ $f_c=65.1 Hz$	$M_L=1.0 M_w=1.2$ $f_c=37.0 Hz$
10 ¹⁰ -	The state of the s				-			-
L	18199170820	2018199170914	2018199194117	2018199204703	2018199224500	2018200015608	2018200040208	2018200082657
10 ¹² -	$M_L=1.1 M_W=1.2$ $f_c=34.4 Hz$		M_{L} =0.9 M_{w} =1.0 f_{c} =40.7 Hz	M _L =1.2 M _w =1.5	M _L =1.5 M _w =1.6 20.5 HZ	$M_L=0.6 M_w=0.6$ $f_c=60.2 Hz$	$M_L=0.7 M_w=1.0$ $f_c=35.4 Hz$	$M_L=0.6 M_w=0.7$ $f_c=55.4 Hz$
10 ¹⁰ -		-						
12	18200100833	2018200100919	2018200102006	2018200105407	2018200105452	2018200105703	2018200134612	2018200143037
	$M_L = 0.4 M_W = 0.6$ $f_c = 43.8 \text{ Hz}$	M_{L} =0.8 M_{w} =0.9 f_{c} =49.1 Hz		$M_{L}=0.6 M_{W}=0.6$ $f_{c}=41.0 Hz$	$M_L = 0.7 M_W = 0.8$ $f_c = 41.4 Hz$	$M_L=1.2 M_w=1.2$ $f_c=44.9 Hz$	$M_L = 0.5 M_W = 0.6$ $f_c = 50.9 \text{ Hz}$	$M_L = 0.5 M_W = 0.6$ $f_c = 52.9 Hz$
10 ¹⁰	18200170651	2018200191849	2018201073346	2018201152715	2018202112855	2018202134535	2018202144515	2018202222748
12	$M_{L}=0.5 M_{W}=0.5$	$M_{L}=0.5 M_{W}=0.6$	-	$M_{L}=0.6 M_{W}=0.6$	$M_{L}=0.7 M_{W}=0.9$	$M_{L}=0.5 M_{W}=0.6$	$M_{L}=0.7 M_{W}=0.7$	$M_{L}=1.0 M_{W}=1.2$
10 ¹⁰	f _c =61.3 Hz	f _c =60.6 Hz	-	f _c =53.6 Hz	f _c =47.8 Hz	f _c =53.5 Hz	f _c =58.7 Hz	f _c =43.0 Hz
	18202225701	2018202234429	2018203030928	2018203081713	2018203090059	2018203113243	2018203124722	2018203171420
10 ¹² -	$M_L = 0.5 M_w = 0.6$ $f_c = 53.7 \text{ Hz}$	$M_{L}=1.1 M_{W}=1.2$ $f_{c}=40.1 Hz$	$M_{L}=0.7 M_{W}=0.8$ $f_{c}=47.5 Hz$	$M_L=0.5 M_W=0.6$ $f_c=52.5 Hz$	$M_{L}=1.4 M_{W}=1.5$ £=34.5 Hz	$M_L=0.9 M_W=1.3$ $f_c=33.4 Hz$	$M_L = 0.5 M_w = 0.6$ $f_c = 52.7 \text{ Hz}$	10 100 - 35 - 28 \(\rho
1010		- Second		-		- Sandalan		- 28 - 7 - 14 strious - 7
 	18203174444	2018203230921	2018203232316	2018204160756	2018204220258	2018204234743	2018205205035	- 7
	10 100	10 100	10 100	10 100 frequency (Hz)	10 100	10 100	10 100	