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LAMPIRAN



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Lampiran 1. Data hasil simulasi *drop test* secara global

1. Sudut jatuh 5 derajat

Waktu (s)	Tekanan (Pa)		
	Sudut linggi haluan 52 derajat	Sudut linggi haluan 57 derajat	Sudut linggi haluan 62 derajat
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	7,05E+05	5,87E+05	5,09E+05
0,22	8,37E+05	6,22E+05	5,75E+05
0,33	5,04E+05	4,65E+05	3,88E+05
0,44	2,86E+05	2,60E+05	2,56E+05
0,55	2,15E+05	1,93E+05	2,10E+05
0,66	1,47E+05	1,61E+05	1,50E+05
0,77	1,10E+05	1,03E+05	1,19E+05
0,88	9,50E+04	7,69E+04	9,76E+04
0,99	7,90E+04	6,35E+04	8,25E+04
1,10	5,50E+04	5,95E+04	6,62E+04
1,21	5,18E+04	4,10E+04	6,10E+04
1,32	4,43E+04	3,75E+04	4,36E+04
1,43	3,94E+04	3,21E+04	4,08E+04
1,54	3,45E+04	2,82E+04	3,07E+04
1,65	2,93E+04	2,76E+04	3,21E+04
1,76	3,13E+04	2,42E+04	2,37E+04
1,87	2,58E+04	2,14E+04	2,68E+04
1,98	2,89E+04	2,24E+04	4,89E+04
2,09	4,51E+04	6,15E+04	4,04E+04
2,20	4,49E+04	4,23E+04	2,96E+04

2. Sudut jatuh 15 derajat

Waktu (s)	Tekanan (Pa)		
	Sudut linggi haluan 52 derajat	Sudut linggi haluan 57 derajat	Sudut linggi haluan 62 derajat
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	2,40E+05	2,70E+05	2,15E+05
	35E+05	4,34E+05	3,51E+05
	08E+05	1,91E+05	1,50E+05
	27E+05	1,74E+05	8,91E+04
	36E+05	1,45E+05	1,15E+05
	43E+05	1,09E+05	1,22E+05
	50E+04	9,58E+04	1,20E+05



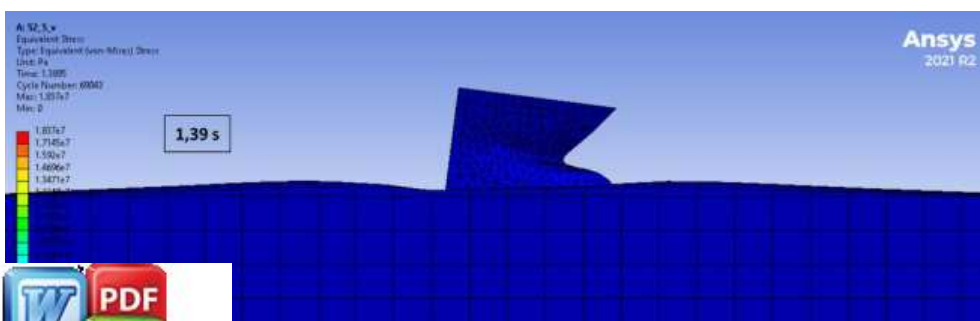
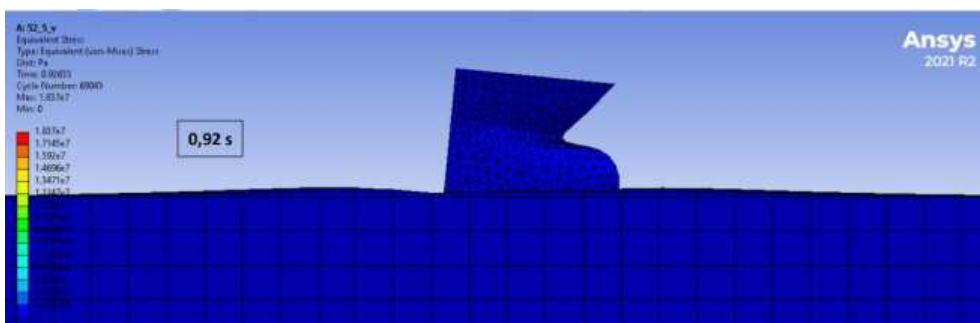
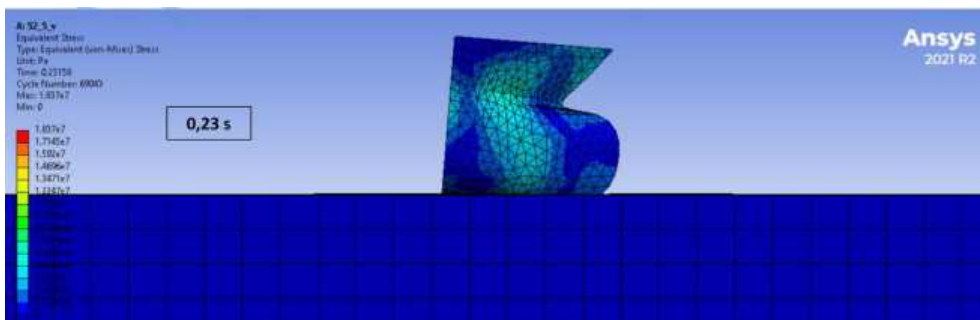
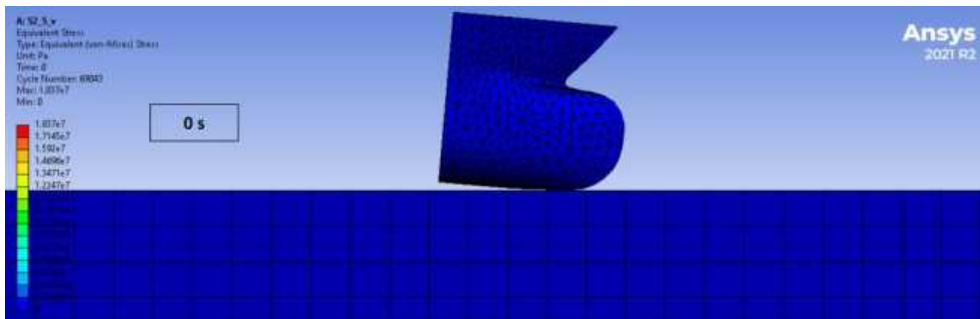
0,88	5,83E+04	6,38E+04	6,78E+04
0,99	3,70E+04	4,57E+04	4,63E+04
1,10	2,57E+04	3,58E+04	4,32E+04
1,21	4,27E+04	7,91E+04	6,60E+04
1,32	5,24E+04	7,05E+04	6,08E+04
1,43	4,23E+04	6,12E+04	4,63E+04
1,54	2,82E+04	4,08E+04	3,45E+04
1,65	2,32E+04	3,66E+04	3,79E+04
1,76	9,43E+04	4,46E+04	5,12E+04
1,87	7,69E+04	3,13E+04	3,26E+04
1,98	5,64E+04	9,81E+04	8,61E+04
2,09	3,35E+04	5,14E+04	4,75E+04
2,20	2,61E+04	3,48E+04	3,13E+04

Lampiran 2. Data hasil simulasi *drop test* pada model haluan 2 (Sudut kemiringan linggi haluan 57 derajat)

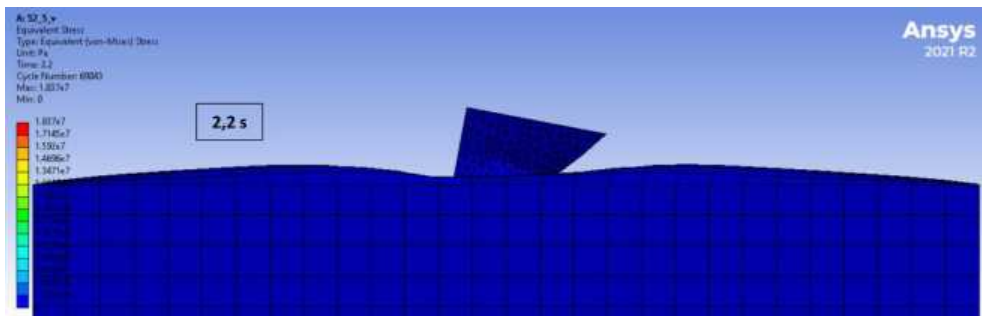
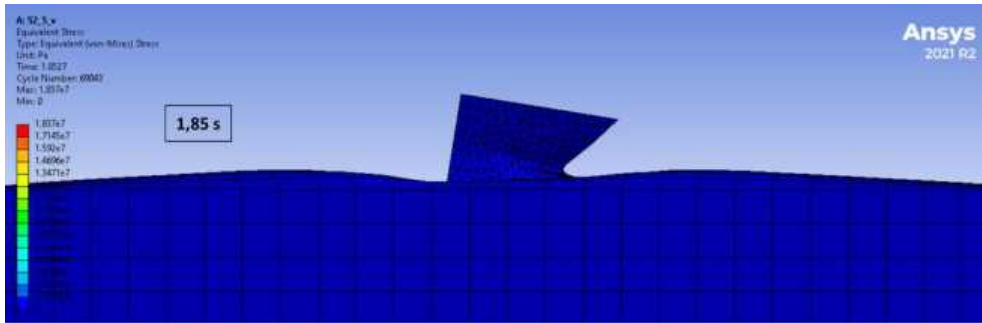
1. Sudut jatuh 5 derajat

Waktu (s)	Tekanan (Pa)		
	Poin 1	Poin 2	Poin 3
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	3,49E+05	2,86E+05	8,93E+04
0,22	4,32E+05	2,85E+05	1,78E+05
0,33	2,04E+05	1,71E+05	1,60E+05
0,44	1,45E+05	6,53E+04	5,07E+04
0,55	1,01E+05	4,21E+04	3,43E+04
0,66	9,33E+04	5,52E+04	1,62E+04
0,77	1,91E+04	4,08E+04	4,44E+04
0,88	5,96E+04	4,20E+04	1,08E+04
0,99	4,30E+04	2,02E+04	9,92E+03
1,10	2,60E+04	7,05E+03	7,01E+03
1,21	8,79E+03	1,69E+04	1,33E+04
1,32	1,48E+04	1,33E+04	9,21E+03
1,43	8,13E+03	7,58E+03	8,37E+03
1,54	1,29E+04	1,23E+04	6,35E+03
1,65	3,67E+03	6,84E+03	4,89E+03
1,76	1,43E+04	1,24E+04	5,82E+03
	2,34E+03	4,94E+03	2,53E+03
	1,61E+04	1,31E+04	3,00E+03
	7,78E+03	1,28E+04	9,28E+03
	1,77E+04	2,11E+04	8,38E+03





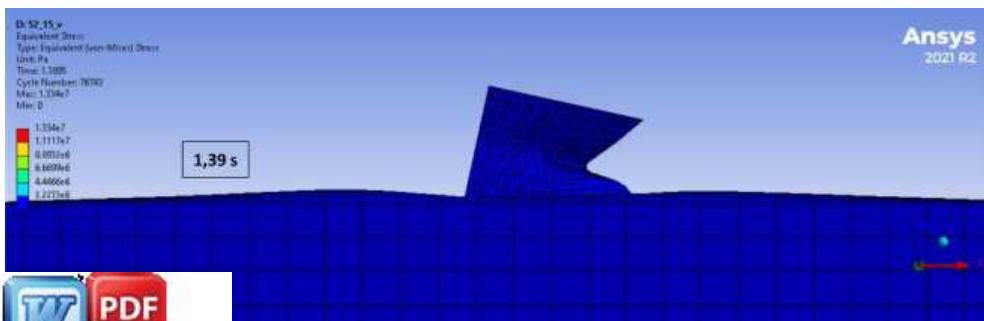
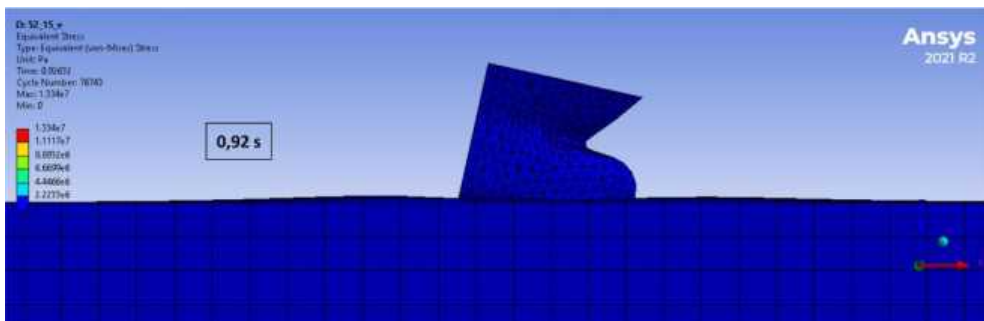
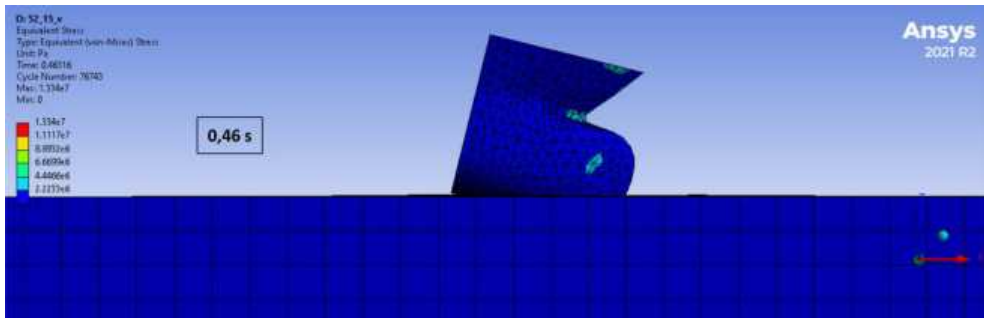
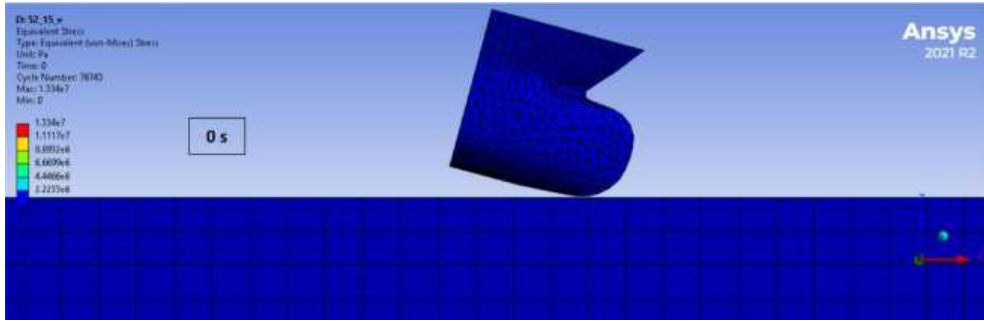
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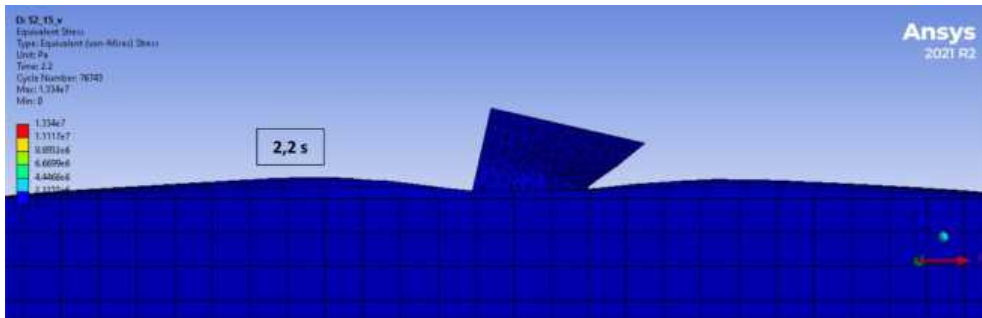
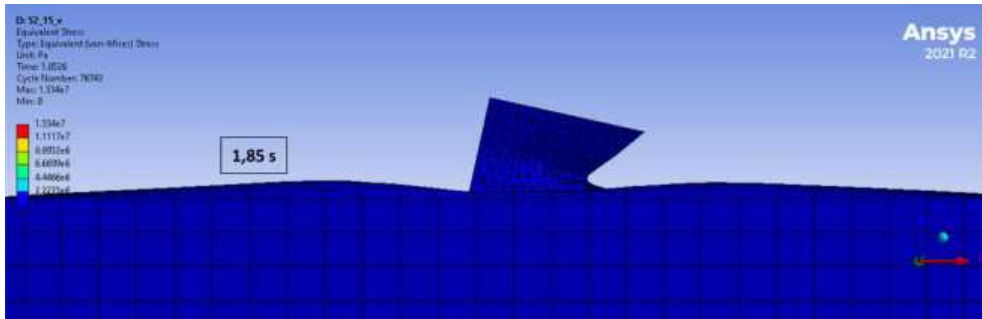
2. Sudut jatuh 15 derajat

Waktu (s)	Tekanan (Pa)		
	Poin 1	Poin 2	Poin 3
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	1,10E+05	1,27E+05	9,95E+04
0,22	2,35E+05	1,85E+05	1,62E+05
0,33	6,29E+04	7,71E+04	3,73E+04
0,44	2,86E+04	3,91E+04	2,23E+04
0,55	4,23E+04	3,82E+04	3,76E+04
0,66	3,58E+04	3,91E+04	2,23E+04
0,77	4,22E+04	2,30E+04	2,25E+04
0,88	3,56E+04	3,09E+04	3,07E+04
0,99	8,28E+03	4,85E+04	1,51E+04
1,10	2,65E+04	3,07E+04	1,84E+04
1,21	4,77E+04	5,07E+04	2,07E+04
1,32	1,93E+04	4,18E+04	2,09E+04
1,43	1,94E+04	3,52E+04	6,09E+03
1,54	1,04E+04	4,83E+04	1,10E+04
	4,04E+04	3,46E+04	4,04E+04
	1,17E+04	3,80E+04	1,02E+04
	1,60E+04	2,05E+04	9,63E+03
	4,39E+04	4,35E+04	3,36E+04
	2,91E+04	1,66E+04	1,94E+04
	1,89E+04	1,46E+04	1,13E+04





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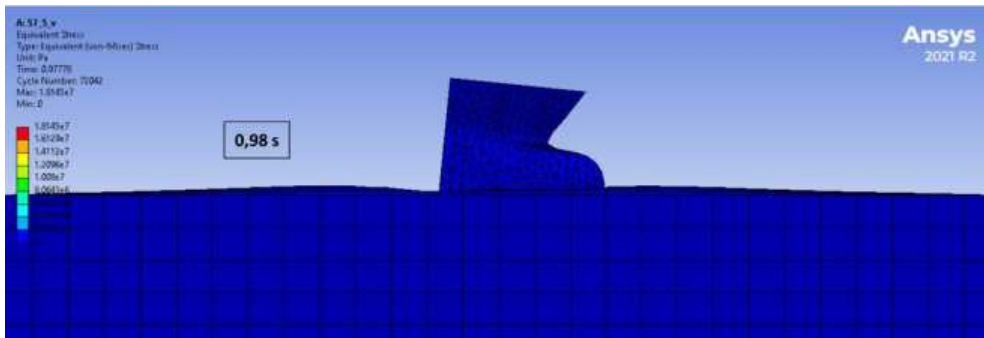
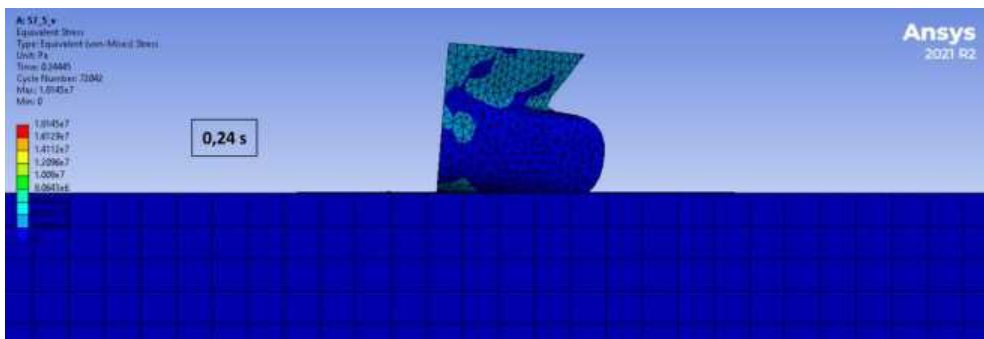
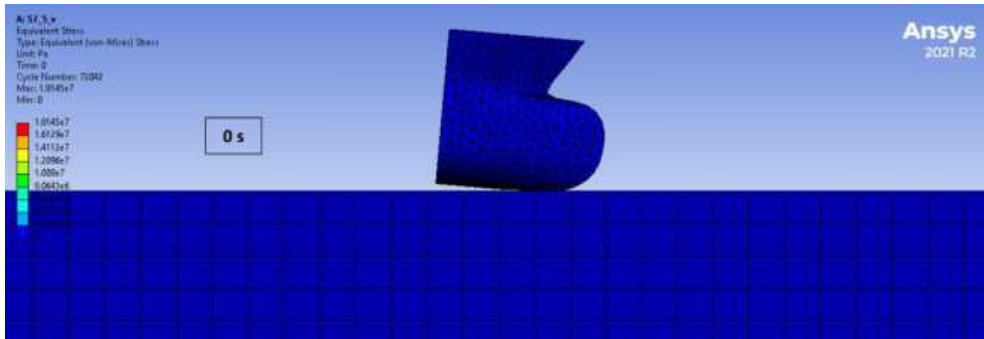
Lampiran 3. Data hasil simulasi *drop test* pada model haluan 2 (Sudut kemiringan linggi haluan 57 derajat)

1. Sudut jatuh 5 derajat

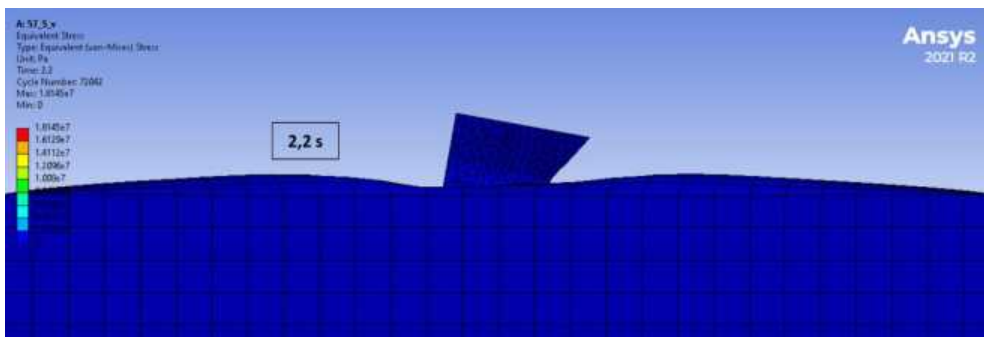
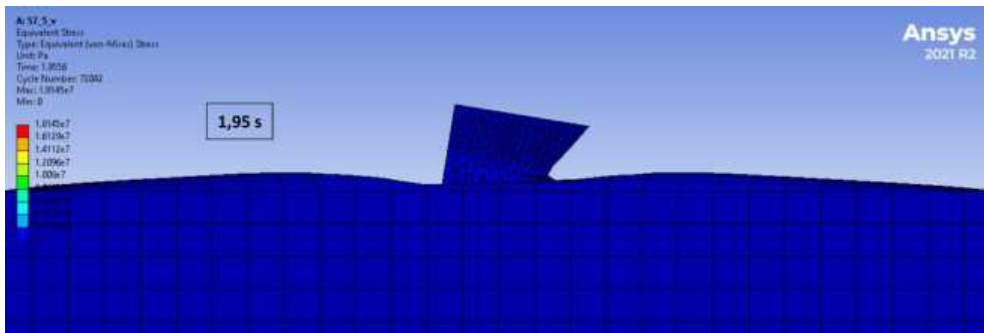
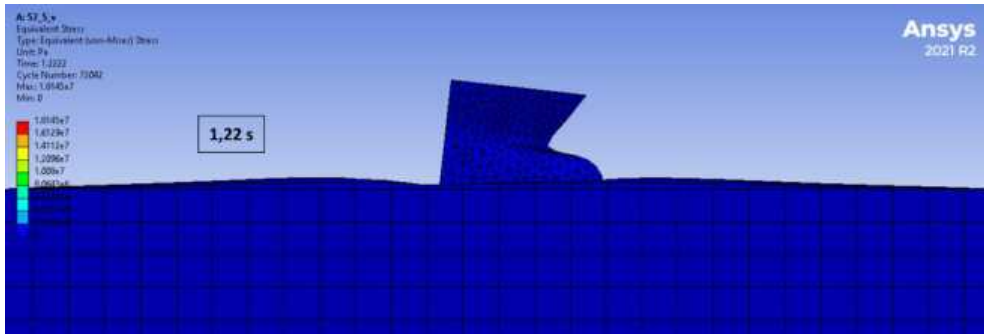
Waktu (s)	Tekanan (Pa)		
	Poin 1	Poin 2	Poin 3
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	1,13E+05	1,09E+05	9,89E+04
0,22	3,22E+05	2,23E+05	1,51E+05
0,33	1,36E+05	1,44E+05	1,13E+05
0,44	3,23E+04	4,97E+04	6,27E+04
0,55	4,84E+04	4,64E+04	6,35E+04
0,66	6,54E+04	4,50E+04	2,83E+04
0,77	3,81E+04	3,01E+04	1,69E+04
0,88	2,05E+04	2,55E+04	2,39E+04
0,99	2,59E+04	2,03E+04	1,48E+04
1,10	2,31E+04	2,29E+04	2,10E+04
1,21	2,36E+04	1,69E+04	1,47E+04
	9,01E+03	1,02E+04	6,09E+03
	1,37E+04	1,02E+04	5,85E+03
	6,86E+03	6,53E+03	4,88E+03
	8,93E+03	8,08E+03	7,05E+03
	5,96E+03	5,57E+03	4,07E+03
	7,18E+03	6,58E+03	4,47E+03



1,98	7,12E+03	4,79E+03	3,30E+03
2,09	3,96E+03	3,44E+03	2,99E+03
2,20	1,48E+03	1,52E+03	1,22E+03



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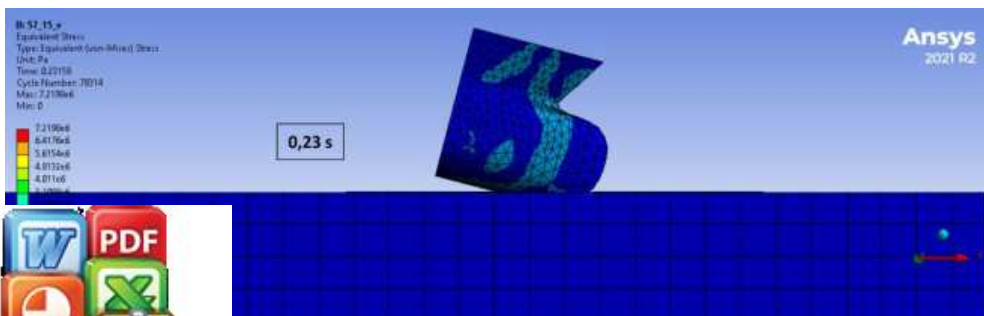
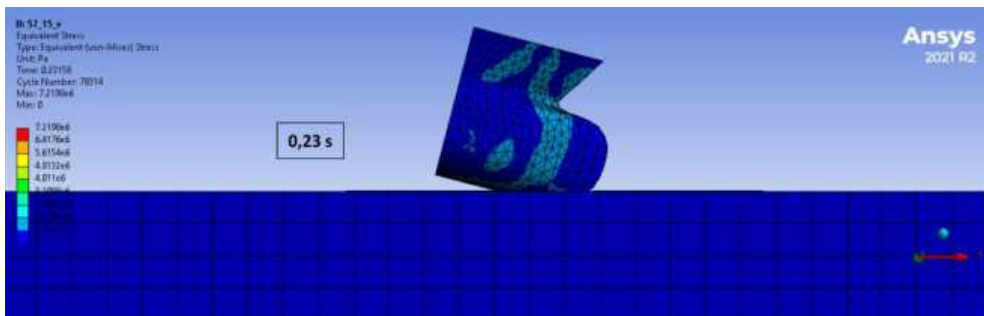
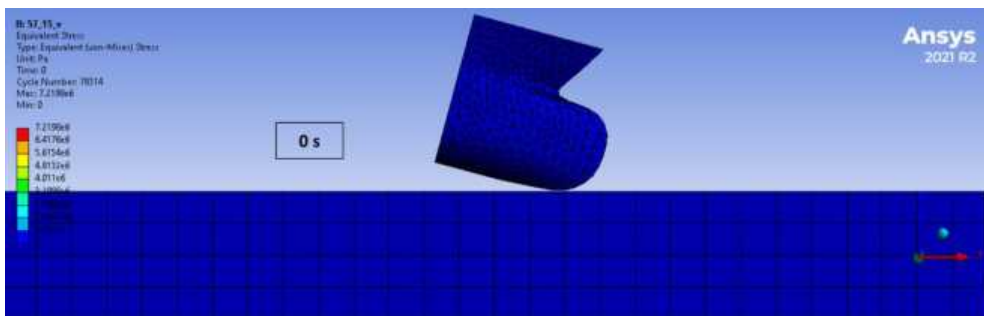
2. Sudut jatuh 15 derajat

Waktu (s)	Tekanan (Pa)		
	Poin 1	Poin 2	Poin 3
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	1,16E+05	1,14E+05	8,77E+04
0,22	1,96E+05	1,50E+05	1,19E+05
	5,42E+04	4,73E+04	5,35E+04
	5,24E+04	6,15E+04	6,71E+04
	6,44E+04	3,37E+04	7,43E+04
	3,75E+04	4,80E+04	2,83E+04
	3,49E+04	5,46E+04	2,19E+04
	4,25E+04	4,63E+04	3,09E+04

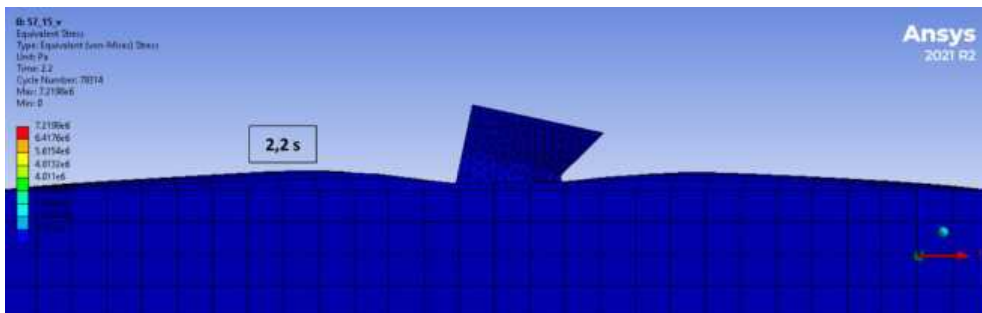
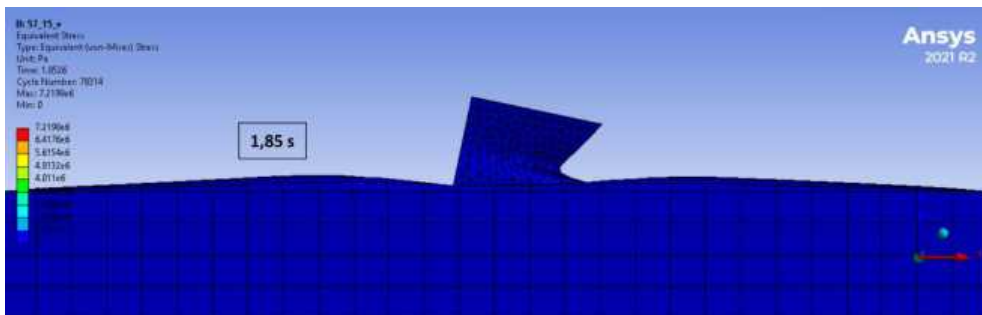
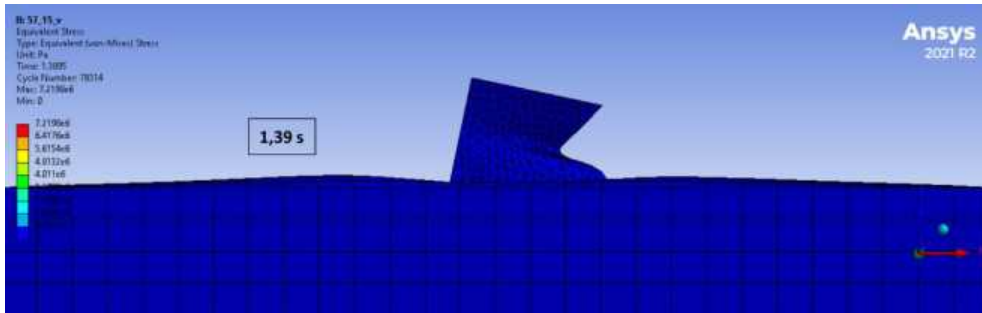


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0,99	2,73E+04	2,27E+04	2,51E+04
1,10	3,09E+04	1,85E+04	2,10E+04
1,21	1,93E+04	1,34E+04	1,39E+04
1,32	1,51E+04	1,58E+04	1,52E+04
1,43	1,08E+04	6,31E+03	1,01E+04
1,54	1,24E+04	1,00E+04	1,00E+04
1,65	1,04E+04	1,05E+04	9,39E+03
1,76	1,12E+04	8,71E+03	2,35E+04
1,87	1,06E+04	1,91E+04	9,65E+03
1,98	4,76E+03	2,01E+04	1,76E+04
2,09	1,23E+04	1,38E+04	1,10E+04
2,20	8,17E+03	1,02E+04	1,05E+04



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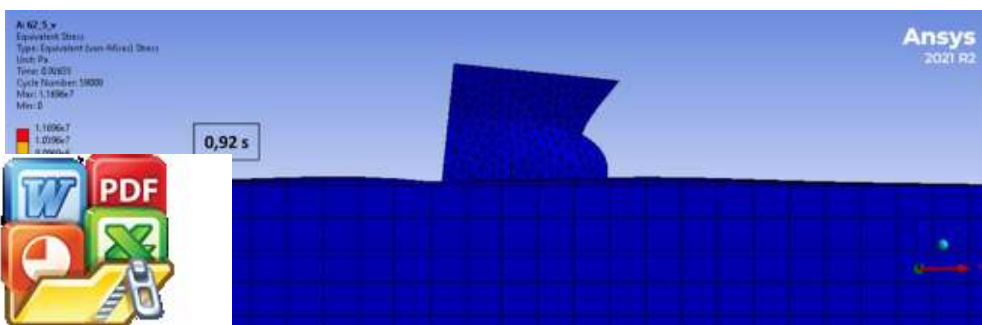
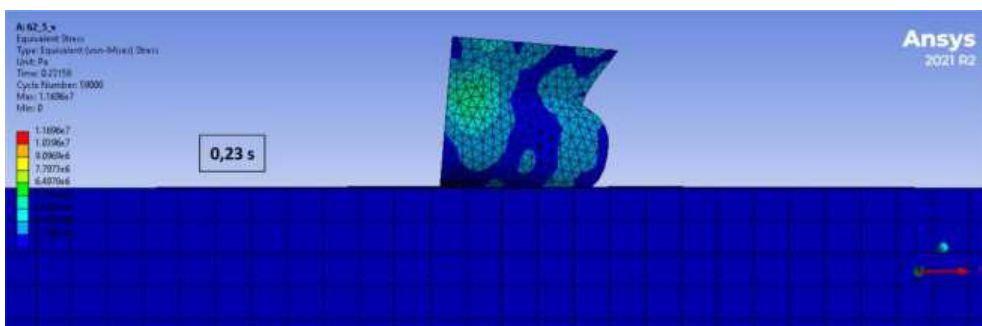
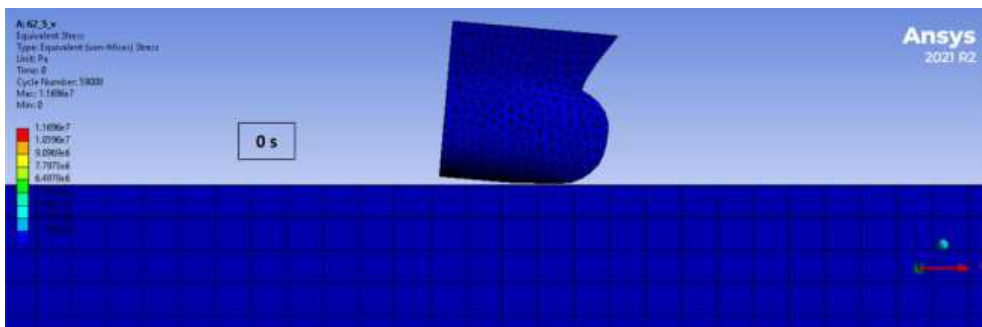
Lampiran 4. Data hasil simulasi *drop test* pada model haluan 3 (Sudut kemiringan linggi haluan 62 derajat)

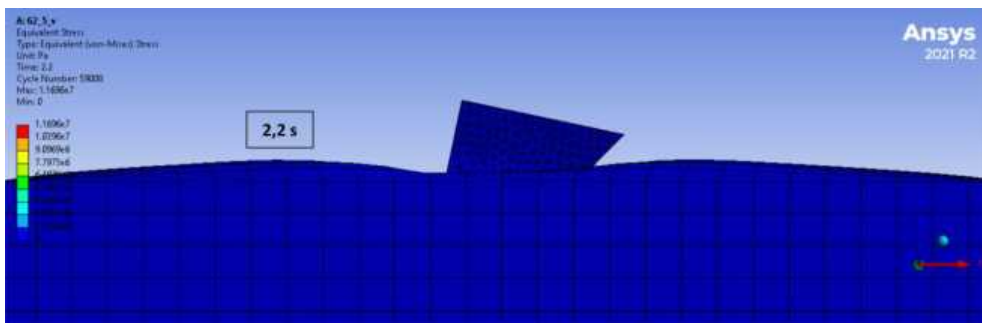
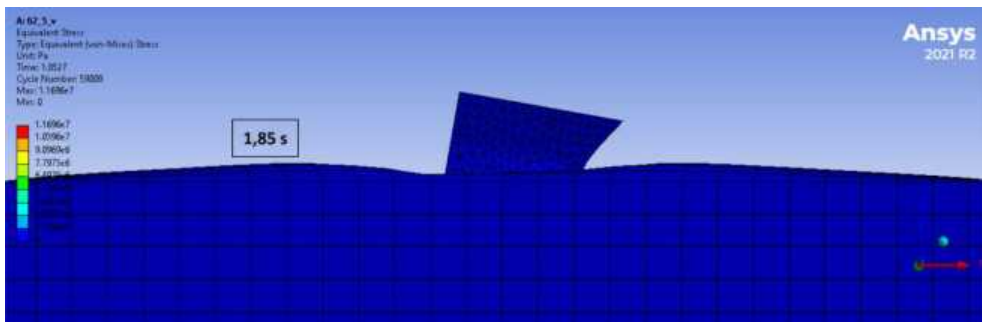
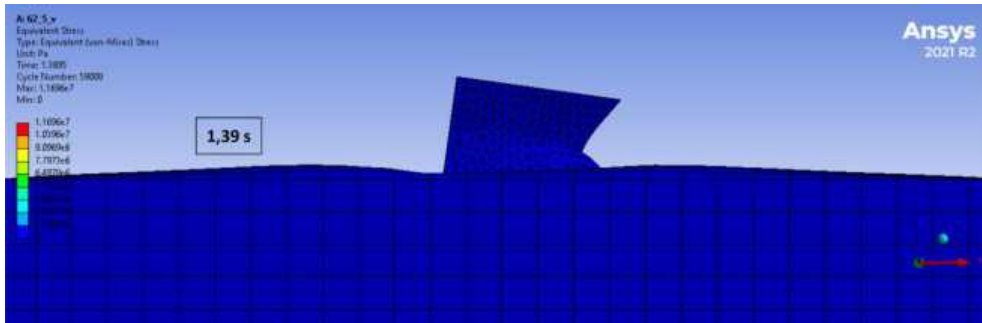
1. Sudut jatuh 5 derajat

Waktu (s)	Tekanan (Pa)		
	Poin 1	Poin 2	Poin 3
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	8,04E+04	9,86E+04	9,03E+04
	3,07E+05	2,05E+05	1,36E+05
	5,44E+04	6,89E+04	5,02E+04
	7,03E+04	2,79E+04	1,07E+04
	7,97E+04	8,02E+04	4,13E+04
	3,32E+04	2,22E+04	1,55E+04
	4,97E+04	2,64E+04	6,26E+03



0,88	2,01E+04	1,91E+04	1,08E+04
0,99	3,11E+04	2,13E+04	7,13E+03
1,10	8,30E+03	7,51E+03	2,34E+03
1,21	9,68E+03	9,79E+03	3,76E+03
1,32	4,82E+03	4,19E+03	2,32E+03
1,43	9,52E+03	7,03E+03	4,75E+03
1,54	6,92E+03	7,03E+03	4,13E+03
1,65	5,15E+03	2,34E+03	1,61E+03
1,76	2,51E+03	2,68E+03	1,83E+03
1,87	4,70E+03	4,07E+03	2,48E+03
1,98	1,33E+04	1,22E+04	5,58E+03
2,09	7,47E+03	4,99E+03	4,29E+03
2,20	9,06E+03	7,19E+03	2,75E+03



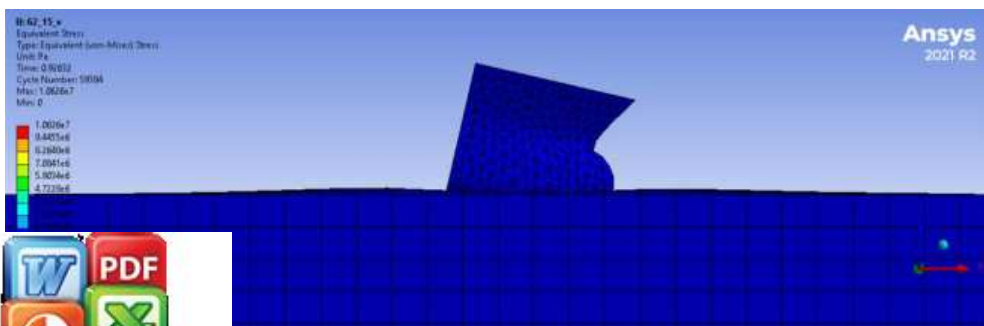
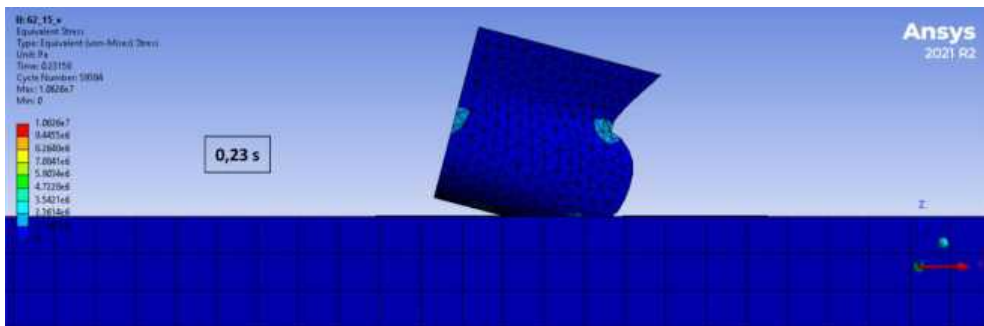
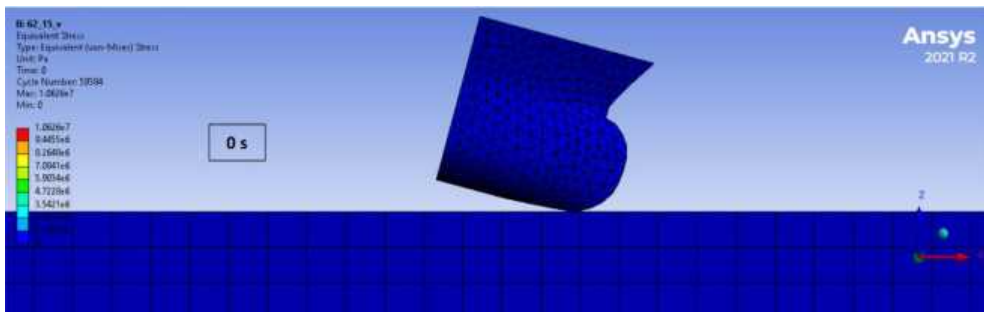


2. Sudut jatuh 15 derajat

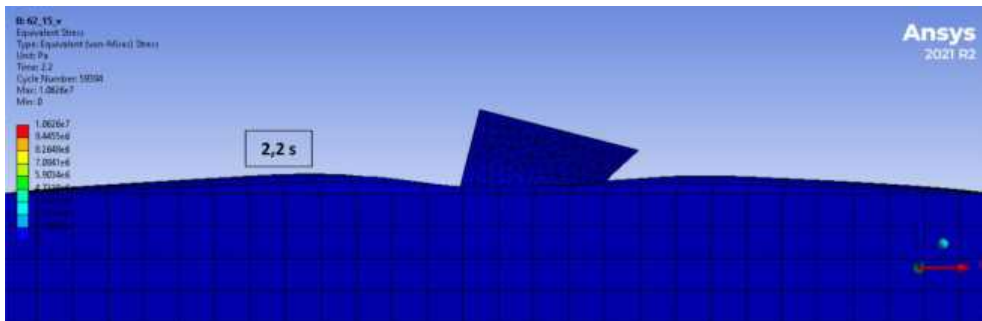
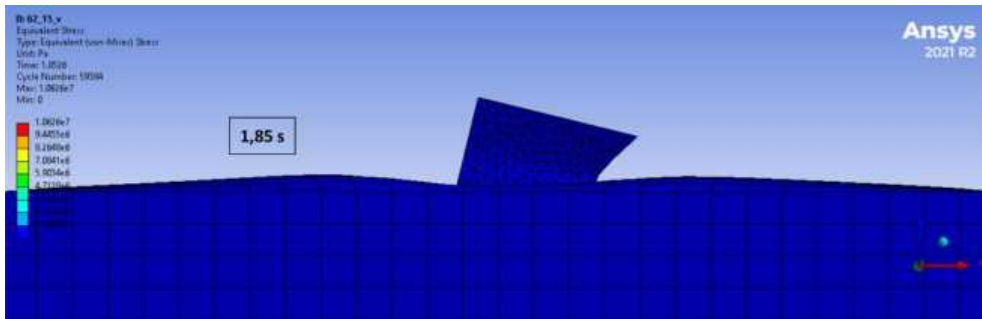
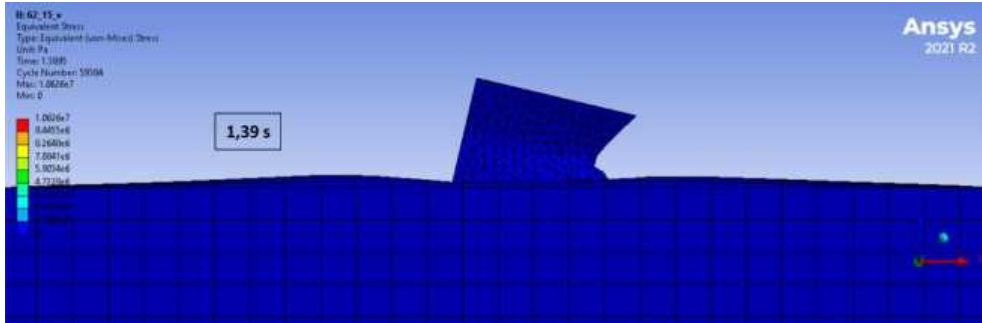
Waktu (s)	Tekanan		
	Poin 1	Poin 2	Poin 3
0,00	0,00E+00	0,00E+00	0,00E+00
0,11	6,42E+04	7,96E+04	1,63E+04
0,22	1,87E+05	1,48E+05	1,17E+05
0,33	4,14E+04	4,14E+04	3,74E+04
	3,85E+04	3,25E+04	3,36E+04
	4,56E+04	2,81E+04	3,41E+04
	3,00E+04	1,53E+04	3,33E+04
	4,67E+04	2,85E+04	4,07E+04
	2,93E+04	2,40E+04	8,65E+03
	3,48E+04	3,82E+04	4,39E+04



1,10	2,01E+04	3,78E+04	3,06E+04
1,21	9,41E+03	1,03E+04	9,09E+03
1,32	2,13E+04	8,52E+03	4,32E+03
1,43	1,14E+04	1,88E+04	1,65E+04
1,54	1,55E+04	5,99E+03	2,89E+03
1,65	9,94E+03	7,48E+03	5,17E+03
1,76	1,71E+04	1,66E+04	1,56E+04
1,87	6,49E+03	8,08E+03	6,84E+03
1,98	2,76E+04	1,56E+04	2,04E+04
2,09	2,17E+04	1,39E+04	8,81E+03
2,20	9,39E+03	1,16E+04	9,95E+03



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