



ARYA OMNITALK®  
WALKY TALKY | GPS TRACKING | TOLL & HTMS | VC

05<sup>th</sup> December 24

To

**The Chairman**

Working Group-01, NFAP 2022 Review / Revision committee  
Government of India, Ministry of Communications & IT  
Department of Telecommunications  
**Wireless Planning & Coordination Wing**  
Sanchar Bhawan, New Delhi – 110001

**Kind Attn: Mr. Viresh Goel, Joint Wireless Advisor**

**Subject:** Our Submission for NFAP2022 review after WG-01 Meeting No. 4 held on 20-NOV-2024

Dear Sir,

This has reference to NFAP WG-1 meeting-4 held on 20.11.2024.

We thank you for the opportunity given to us, and we hereby submit the “channeling block arrangement” as advised in the meeting for 811MHZ to 814MHZ band paired with 856MHZ to 859MHZ under channel spacing of both 12.5KHz and 6.25KHz.

Look forward to interacting with you during our next meeting.

Yours Sincerely

For **Arya Omnitalk Radio Trunking Services Private Limited**

**(AVS RAO)**

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**Arya Omnitalk Radio Trunking Services Private Limited**

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# ARYAOMNITALK RADIO TRUNKING SERVICES PVT LTD

Channeling Plan

For 12.5 KHz

811 MHZ to 814 MHZ

(Plan No. \_\_\_\_\_)



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## R.F. CHANNEL ARRANGEMENT FOR MOBILE RADIO TRUNKING SERVICE FOR THE FREQUENCY OF 811-814 MHZ AND 856-859 MHZ (12.5 KHz CHANNEL BANDWIDTH PLAN)

<u>S.No.</u>	<u>Channel No. Arrangement ... (3 spots per block)</u>				<u>Block No.</u>
1	1	81	161	-----	1A
	41	121	201	-----	1B
	21	101	181	-----	1C
	61	141	221	-----	1D
2	2	82	162	-----	2A
	42	122	202	-----	2B
	22	102	182	-----	2C
	62	142	222	-----	2D
3	3	83	163	-----	3A
	43	123	203	-----	3B
	23	103	183	-----	3C
	63	143	223	-----	3D
4	4	84	164	-----	4A
	44	124	204	-----	4B
	24	104	184	-----	4C
	64	144	224	-----	4D
5	5	85	165	-----	5A
	45	125	205	-----	5B
	25	105	185	-----	5C
	65	145	225	-----	5D
6	6	86	166	-----	6A
	46	126	206	-----	6B
	26	106	186	-----	6C
	66	146	226	-----	6D
7	7	87	167	-----	7A
	47	127	207	-----	7B
	27	107	187	-----	7C
	67	147	227	-----	7D
8	8	88	168	-----	8A
	48	128	208	-----	8B

	28	108	188	-----	8C
	68	148	228	-----	8D
9	9	89	169	-----	9A
	49	129	209	-----	9B
	29	109	189	-----	9C
	69	149	229	-----	9D
10	10	90	170	-----	10A
	50	130	210	-----	10B
	30	110	190	-----	10C
	70	150	230	-----	10D
11	11	91	171	-----	11A
	51	131	211	-----	11B
	31	111	191	-----	11C
	71	151	231	-----	11D
12	12	92	172	-----	12A
	52	132	212	-----	12B
	32	112	192	-----	12C
	72	152	232	-----	12D
13	13	93	173	-----	13A
	53	133	213	-----	13B
	33	113	193	-----	13C
	73	153	233	-----	13D
14	14	94	174	-----	14A
	54	134	214	-----	14B
	34	114	194	-----	14C
	74	154	234	-----	14D
15	15	95	175	-----	15A
	55	135	215	-----	15B
	35	115	195	-----	15C
	75	155	235	-----	15D
16	16	96	176	-----	16A
	56	136	216	-----	16B
	36	116	196	-----	16C
	76	156	236	-----	16D
17	17	97	177	-----	17A
	57	137	217	-----	17B
	37	117	197	-----	17C
	77	157	237	-----	17D

18	18	98	178	-----	18A
	58	138	218	-----	18B
	38	118	198	-----	18C
	78	158	238	-----	18D
19	19	99	179	-----	19A
	59	139	219	-----	19B
	39	119	199	-----	19C
	79	159	239	-----	19D
20	20	100	180	-----	20A
	60	140	220	-----	20B
	40	120	200	-----	20C
	80	160	240	-----	20D

# ARYAOMNITALK RADIO TRUNKING SERVICES PVT LTD

Channeling Plan

For 6.25 KHz

811 MHz to 814 MHz



ARYA OMNITALK  
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(Plan No. \_\_\_\_\_)

## R.F. CHANNEL ARRANGEMENT FOR MOBILE RADIO TRUNKING SERVICE FOR THE FREQUENCY OF 811-814 MHz AND 856-859 MHz (6.25 KHz CHANNEL BANDWIDTH PLAN)

S.No.	Channel No. Arrangement ... (3 spots per block)							Block No.
1	1	a	81	a	161	a	-----	1A
	41	a	121	a	201	a	-----	1B
	21	a	101	a	181	a	-----	1C
	61	a	141	a	221	a	-----	1D
2	2	a	82	a	162	a	-----	2A
	42	a	122	a	202	a	-----	2B
	22	a	102	a	182	a	-----	2C
	62	a	142	a	222	a	-----	2D
3	3	a	83	a	163	a	-----	3A
	43	a	123	a	203	a	-----	3B
	23	a	103	a	183	a	-----	3C
	63	a	143	a	223	a	-----	3D
4	4	a	84	a	164	a	-----	4A
	44	a	124	a	204	a	-----	4B
	24	a	104	a	184	a	-----	4C
	64	a	144	a	224	a	-----	4D
5	5	a	85	a	165	a	-----	5A
	45	a	125	a	205	a	-----	5B
	25	a	105	a	185	a	-----	5C
	65	a	145	a	225	a	-----	5D
6	6	a	86	a	166	a	-----	6A
	46	a	126	a	206	a	-----	6B
	26	a	106	a	186	a	-----	6C
	66	a	146	a	226	a	-----	6D
7	7	a	87	a	167	a	-----	7A
	47	a	127	a	207	a	-----	7B
	27	a	107	a	187	a	-----	7C
	67	a	147	a	227	a	-----	7D
8	8	a	88	a	168	a	-----	8A
	48	a	128	a	208	a	-----	8B
	28	a	108	a	188	a	-----	8C

	68	a	148	a	228	a	-----	8D
9	9	a	89	a	169	a	-----	9A
	49	a	129	a	209	a	-----	9B
	29	a	109	a	189	a	-----	9C
	69	a	149	a	229	a	-----	9D
10	10	a	90	a	170	a	-----	10A
	50	a	130	a	210	a	-----	10B
	30	a	110	a	190	a	-----	10C
	70	a	150	a	230	a	-----	10D
11	11	a	91	a	171	a	-----	11A
	51	a	131	a	211	a	-----	11B
	31	a	111	a	191	a	-----	11C
	71	a	151	a	231	a	-----	11D
12	12	a	92	a	172	a	-----	12A
	52	a	132	a	212	a	-----	12B
	32	a	112	a	192	a	-----	12C
	72	a	152	a	232	a	-----	12D
13	13	a	93	a	173	a	-----	13A
	53	a	133	a	213	a	-----	13B
	33	a	113	a	193	a	-----	13C
	73	a	153	a	233	a	-----	13D
14	14	a	94	a	174	a	-----	14A
	54	a	134	a	214	a	-----	14B
	34	a	114	a	194	a	-----	14C
	74	a	154	a	234	a	-----	14D
15	15	a	95	a	175	a	-----	15A
	55	a	135	a	215	a	-----	15B
	35	a	115	a	195	a	-----	15C
	75	a	155	a	235	a	-----	15D
16	16	a	96	a	176	a	-----	16A
	56	a	136	a	216	a	-----	16B
	36	a	116	a	196	a	-----	16C
	76	a	156	a	236	a	-----	16D
17	17	a	97	a	177	a	-----	17A
	57	a	137	a	217	a	-----	17B
	37	a	117	a	197	a	-----	17C
	77	a	157	a	237	a	-----	17D

18	18	a	98	a	178	a	-----	18A
	58	a	138	a	218	a	-----	18B
	38	a	118	a	198	a	-----	18C
	78	a	158	a	238	a	-----	18D
19	19	a	99	a	179	a	-----	19A
	59	a	139	a	219	a	-----	19B
	39	a	119	a	199	a	-----	19C
	79	a	159	a	239	a	-----	19D
20	20	a	100	a	180	a	-----	20A
	60	a	140	a	220	a	-----	20B
	40	a	120	a	200	a	-----	20C
	80	a	160	a	240	a	-----	20D
21	1	b	81	b	161	b	-----	21A
	41	b	121	b	201	b	-----	21B
	21	b	101	b	181	b	-----	21C
	61	b	141	b	221	b	-----	21D
22	2	b	82	b	162	b	-----	22A
	42	b	122	b	202	b	-----	22B
	22	b	102	b	182	b	-----	22C
	62	b	142	b	222	b	-----	22D
23	3	b	83	b	163	b	-----	23A
	43	b	123	b	203	b	-----	23B
	23	b	103	b	183	b	-----	23C
	63	b	143	b	223	b	-----	23D
24	4	b	84	b	164	b	-----	24A
	44	b	124	b	204	b	-----	24B
	24	b	104	b	184	b	-----	24C
	64	b	144	b	224	b	-----	24D
25	5	b	85	b	165	b	-----	25A
	45	b	125	b	205	b	-----	25B
	25	b	105	b	185	b	-----	25C
	65	b	145	b	225	b	-----	25D
26	6	b	86	b	166	b	-----	26A
	46	b	126	b	206	b	-----	26B
	26	b	106	b	186	b	-----	26C
	66	b	146	b	226	b	-----	26D
27	7	b	87	b	167	b	-----	27A
	47	b	127	b	207	b	-----	27B

	27	b	107	b	187	b	-----	27C
	67	b	147	b	227	b	-----	27D
28	8	b	88	b	168	b	-----	28A
	48	b	128	b	208	b	-----	28B
	28	b	108	b	188	b	-----	28C
	68	b	148	b	228	b	-----	28D
29	9	b	89	b	169	b	-----	29A
	49	b	129	b	209	b	-----	29B
	29	b	109	b	189	b	-----	29C
	69	b	149	b	229	b	-----	29D
30	10	b	90	b	170	b	-----	30A
	50	b	130	b	210	b	-----	30A
	30	b	110	b	190	b	-----	30C
	70	b	150	b	230	b	-----	30D
31	11	b	91	b	171	b	-----	31A
	51	b	131	b	211	b	-----	31B
	31	b	111	b	191	b	-----	31C
	71	b	151	b	231	b	-----	31D
32	12	b	92	b	172	b	-----	32A
	52	b	132	b	212	b	-----	32B
	32	b	112	b	192	b	-----	32C
	72	b	152	b	232	b	-----	32D
33	13	b	93	b	173	b	-----	33A
	53	b	133	b	213	b	-----	33B
	33	b	113	b	193	b	-----	33C
	73	b	153	b	233	b	-----	33D
34	14	b	94	b	174	b	-----	34A
	54	b	134	b	214	b	-----	34B
	34	b	114	b	194	b	-----	34C
	74	b	154	b	234	b	-----	34D
35	15	b	95	b	175	b	-----	35A
	55	b	135	b	215	b	-----	35B
	35	b	115	b	195	b	-----	35C
	75	b	155	b	235	b	-----	35D
36	16	b	96	b	176	b	-----	36A
	56	b	136	b	216	b	-----	36B
	36	b	116	b	196	b	-----	36C
	76	b	156	b	236	b	-----	36D



37	17	b	97	b	177	b	-----	37A
	57	b	137	b	217	b	-----	37B
	37	b	117	b	197	b	-----	37C
	77	b	157	b	237	b	-----	37D
38	18	b	98	b	178	b	-----	38A
	58	b	138	b	218	b	-----	38B
	38	b	118	b	198	b	-----	38C
	78	b	158	b	238	b	-----	38D
39	19	b	99	b	179	b	-----	39A
	59	b	139	b	219	b	-----	39B
	39	b	119	b	199	b	-----	39C
	79	b	159	b	239	b	-----	39D
40	20	b	100	b	180	b	-----	40A
	60	b	140	b	220	b	-----	40B
	40	b	120	b	200	b	-----	40C
	80	b	160	b	240	b	-----	40D



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## 12.5 KHz channeling plan

0.0125

SI/No	Channel No.	RX FREQ (MHZ)	TX FREQ (MHZ)
1	1	811.00625	856.00625
2	2	811.01875	856.01875
3	3	811.03125	856.03125
4	4	811.04375	856.04375
5	5	811.05625	856.05625
6	6	811.06875	856.06875
7	7	811.08125	856.08125
8	8	811.09375	856.09375
9	9	811.10625	856.10625
10	10	811.11875	856.11875
11	11	811.13125	856.13125
12	12	811.14375	856.14375
13	13	811.15625	856.15625
14	14	811.16875	856.16875
15	15	811.18125	856.18125
16	16	811.19375	856.19375
17	17	811.20625	856.20625
18	18	811.21875	856.21875
19	19	811.23125	856.23125
20	20	811.24375	856.24375
21	21	811.25625	856.25625
22	22	811.26875	856.26875
23	23	811.28125	856.28125
24	24	811.29375	856.29375
25	25	811.30625	856.30625
26	26	811.31875	856.31875
27	27	811.33125	856.33125
28	28	811.34375	856.34375
29	29	811.35625	856.35625
30	30	811.36875	856.36875
31	31	811.38125	856.38125
32	32	811.39375	856.39375
33	33	811.40625	856.40625
34	34	811.41875	856.41875
35	35	811.43125	856.43125
36	36	811.44375	856.44375
37	37	811.45625	856.45625
38	38	811.46875	856.46875
39	39	811.48125	856.48125
40	40	811.49375	856.49375
41	41	811.50625	856.50625
42	42	811.51875	856.51875
43	43	811.53125	856.53125
44	44	811.54375	856.54375
45	45	811.55625	856.55625
46	46	811.56875	856.56875
47	47	811.58125	856.58125
48	48	811.59375	856.59375
49	49	811.60625	856.60625
50	50	811.61875	856.61875
51	51	811.63125	856.63125
52	52	811.64375	856.64375

## 6.25 KHz channeling plan

0.00625

SI/No	Channel No.	RX FREQ (MHZ)	TX FREQ (MHZ)
1	1a	811.003125	856.003125
1	1b	811.009375	856.009375
2	2a	811.015625	856.015625
2	2b	811.021875	856.021875
3	3a	811.028125	856.028125
3	3b	811.034375	856.034375
4	4a	811.040625	856.040625
4	4b	811.046875	856.046875
5	5a	811.053125	856.053125
5	5b	811.059375	856.059375
6	6a	811.065625	856.065625
6	6b	811.071875	856.071875
7	7a	811.078125	856.078125
7	7b	811.084375	856.084375
8	8a	811.090625	856.090625
8	8b	811.096875	856.096875
9	9a	811.103125	856.103125
9	9b	811.109375	856.109375
10	10a	811.115625	856.115625
10	10b	811.121875	856.121875
11	11a	811.128125	856.128125
11	11b	811.134375	856.134375
12	12a	811.140625	856.140625
12	12b	811.146875	856.146875
13	13a	811.153125	856.153125
13	13b	811.159375	856.159375
14	14a	811.165625	856.165625
14	14b	811.171875	856.171875
15	15a	811.178125	856.178125
15	15b	811.184375	856.184375
16	16a	811.190625	856.190625
16	16b	811.196875	856.196875
17	17a	811.203125	856.203125
17	17b	811.209375	856.209375
18	18a	811.215625	856.215625
18	18b	811.221875	856.221875
19	19a	811.228125	856.228125
19	19b	811.234375	856.234375
20	20a	811.240625	856.240625
20	20b	811.246875	856.246875
21	21a	811.253125	856.253125
21	21b	811.259375	856.259375
22	22a	811.265625	856.265625
22	22b	811.271875	856.271875
23	23a	811.278125	856.278125
23	23b	811.284375	856.284375
24	24a	811.290625	856.290625
24	24b	811.296875	856.296875
25	25a	811.303125	856.303125
25	25b	811.309375	856.309375
26	26a	811.315625	856.315625
26	26b	811.321875	856.321875

53	53	811.65625	856.65625
54	54	811.66875	856.66875
55	55	811.68125	856.68125
56	56	811.69375	856.69375
57	57	811.70625	856.70625
58	58	811.71875	856.71875
59	59	811.73125	856.73125
60	60	811.74375	856.74375
61	61	811.75625	856.75625
62	62	811.76875	856.76875
63	63	811.78125	856.78125
64	64	811.79375	856.79375
65	65	811.80625	856.80625
66	66	811.81875	856.81875
67	67	811.83125	856.83125
68	68	811.84375	856.84375
69	69	811.85625	856.85625
70	70	811.86875	856.86875
71	71	811.88125	856.88125
72	72	811.89375	856.89375
73	73	811.90625	856.90625
74	74	811.91875	856.91875
75	75	811.93125	856.93125
76	76	811.94375	856.94375
77	77	811.95625	856.95625
78	78	811.96875	856.96875
79	79	811.98125	856.98125
80	80	811.99375	856.99375
81	81	812.00625	857.00625
82	82	812.01875	857.01875
83	83	812.03125	857.03125
84	84	812.04375	857.04375
85	85	812.05625	857.05625
86	86	812.06875	857.06875
87	87	812.08125	857.08125
88	88	812.09375	857.09375
89	89	812.10625	857.10625
90	90	812.11875	857.11875
91	91	812.13125	857.13125
92	92	812.14375	857.14375
93	93	812.15625	857.15625
94	94	812.16875	857.16875
95	95	812.18125	857.18125
96	96	812.19375	857.19375
97	97	<b>812.20625</b>	857.20625
98	98	812.21875	857.21875
99	99	812.23125	857.23125
100	100	812.24375	857.24375
101	101	812.25625	857.25625
102	102	812.26875	857.26875
103	103	812.28125	857.28125
104	104	812.29375	857.29375
105	105	812.30625	857.30625
106	106	812.31875	857.31875
107	107	812.33125	857.33125
108	108	812.34375	857.34375
109	109	812.35625	857.35625
110	110	812.36875	857.36875

27	27a	811.328125	856.328125
27	27b	811.334375	856.334375
28	28a	811.340625	856.340625
28	28b	811.346875	856.346875
29	29a	811.353125	856.353125
29	29b	811.359375	856.359375
30	30a	811.365625	856.365625
30	30b	811.371875	856.371875
31	31a	811.378125	856.378125
31	31b	811.384375	856.384375
32	32a	811.390625	856.390625
32	32b	811.396875	856.396875
33	33a	811.403125	856.403125
33	33b	811.409375	856.409375
34	34a	811.415625	856.415625
34	34b	811.421875	856.421875
35	35a	811.428125	856.428125
35	35b	811.434375	856.434375
36	36a	811.440625	856.440625
36	36b	811.446875	856.446875
37	37a	811.453125	856.453125
37	37b	811.459375	856.459375
38	38a	811.465625	856.465625
38	38b	811.471875	856.471875
39	39a	811.478125	856.478125
39	39b	811.484375	856.484375
40	40a	811.490625	856.490625
40	40b	811.496875	856.496875
41	41a	811.503125	856.503125
41	41b	811.509375	856.509375
42	42a	811.515625	856.515625
42	42b	811.521875	856.521875
43	43a	811.528125	856.528125
43	43b	811.534375	856.534375
44	44a	811.540625	856.540625
44	44b	811.546875	856.546875
45	45a	811.553125	856.553125
45	45b	811.559375	856.559375
46	46a	811.565625	856.565625
46	46b	811.571875	856.571875
47	47a	811.578125	856.578125
47	47b	811.584375	856.584375
48	48a	811.590625	856.590625
48	48b	811.596875	856.596875
49	49a	811.603125	856.603125
49	49b	811.609375	856.609375
50	50a	811.615625	856.615625
50	50b	811.621875	856.621875
51	51a	811.628125	856.628125
51	51b	811.634375	856.634375
52	52a	811.640625	856.640625
52	52b	811.646875	856.646875
53	53a	811.653125	856.653125
53	53b	811.659375	856.659375
54	54a	811.665625	856.665625
54	54b	811.671875	856.671875
55	55a	811.678125	856.678125
55	55b	811.684375	856.684375

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112	112	812.39375	857.39375
113	113	812.40625	857.40625
114	114	812.41875	857.41875
115	115	812.43125	857.43125
116	116	812.44375	857.44375
117	117	812.45625	857.45625
118	118	812.46875	857.46875
119	119	812.48125	857.48125
120	120	812.49375	857.49375
121	121	812.50625	857.50625
122	122	812.51875	857.51875
123	123	812.53125	857.53125
124	124	812.54375	857.54375
125	125	812.55625	857.55625
126	126	812.56875	857.56875
127	127	812.58125	857.58125
128	128	812.59375	857.59375
129	129	812.60625	857.60625
130	130	812.61875	857.61875
131	131	812.63125	857.63125
132	132	812.64375	857.64375
133	133	812.65625	857.65625
134	134	812.66875	857.66875
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138	138	812.71875	857.71875
139	139	812.73125	857.73125
140	140	812.74375	857.74375
141	141	812.75625	857.75625
142	142	812.76875	857.76875
143	143	812.78125	857.78125
144	144	812.79375	857.79375
145	145	812.80625	857.80625
146	146	812.81875	857.81875
147	147	812.83125	857.83125
148	148	812.84375	857.84375
149	149	812.85625	857.85625
150	150	812.86875	857.86875
151	151	812.88125	857.88125
152	152	812.89375	857.89375
153	153	812.90625	857.90625
154	154	812.91875	857.91875
155	155	812.93125	857.93125
156	156	812.94375	857.94375
157	157	812.95625	857.95625
158	158	812.96875	857.96875
159	159	812.98125	857.98125
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161	161	813.00625	858.00625
162	162	813.01875	858.01875
163	163	813.03125	858.03125
164	164	813.04375	858.04375
165	165	813.05625	858.05625
166	166	813.06875	858.06875
167	167	813.08125	858.08125
168	168	813.09375	858.09375

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56	56b	811.696875	856.696875
57	57a	811.703125	856.703125
57	57b	811.709375	856.709375
58	58a	811.715625	856.715625
58	58b	811.721875	856.721875
59	59a	811.728125	856.728125
59	59b	811.734375	856.734375
60	60a	811.740625	856.740625
60	60b	811.746875	856.746875
61	61a	811.753125	856.753125
61	61b	811.759375	856.759375
62	62a	811.765625	856.765625
62	62b	811.771875	856.771875
63	63a	811.778125	856.778125
63	63b	811.784375	856.784375
64	64a	811.790625	856.790625
64	64b	811.796875	856.796875
65	65a	811.803125	856.803125
65	65b	811.809375	856.809375
66	66a	811.815625	856.815625
66	66b	811.821875	856.821875
67	67a	811.828125	856.828125
67	67b	811.834375	856.834375
68	68a	811.840625	856.840625
68	68b	811.846875	856.846875
69	69a	811.853125	856.853125
69	69b	811.859375	856.859375
70	70a	811.865625	856.865625
70	70b	811.871875	856.871875
71	71a	811.878125	856.878125
71	71b	811.884375	856.884375
72	72a	811.890625	856.890625
72	72b	811.896875	856.896875
73	73a	811.903125	856.903125
73	73b	811.909375	856.909375
74	74a	811.915625	856.915625
74	74b	811.921875	856.921875
75	75a	811.928125	856.928125
75	75b	811.934375	856.934375
76	76a	811.940625	856.940625
76	76b	811.946875	856.946875
77	77a	811.953125	856.953125
77	77b	811.959375	856.959375
78	78a	811.965625	856.965625
78	78b	811.971875	856.971875
79	79a	811.978125	856.978125
79	79b	811.984375	856.984375
80	80a	811.990625	856.990625
80	80b	811.996875	856.996875
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81	81b	812.009375	857.009375
82	82a	812.015625	857.015625
82	82b	812.021875	857.021875
83	83a	812.028125	857.028125
83	83b	812.034375	857.034375
84	84a	812.040625	857.040625
84	84b	812.046875	857.046875

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171	171	813.13125	858.13125
172	172	813.14375	858.14375
173	173	813.15625	858.15625
174	174	813.16875	858.16875
175	175	813.18125	858.18125
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177	177	813.20625	858.20625
178	178	813.21875	858.21875
179	179	813.23125	858.23125
180	180	813.24375	858.24375
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182	182	813.26875	858.26875
183	183	813.28125	858.28125
184	184	813.29375	858.29375
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186	186	813.31875	858.31875
187	187	813.33125	858.33125
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189	189	813.35625	858.35625
190	190	813.36875	858.36875
191	191	813.38125	858.38125
192	192	813.39375	858.39375
193	193	813.40625	858.40625
194	194	813.41875	858.41875
195	195	813.43125	858.43125
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198	198	813.46875	858.46875
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203	203	813.53125	858.53125
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214	214	813.66875	858.66875
215	215	813.68125	858.68125
216	216	813.69375	858.69375
217	217	813.70625	858.70625
218	218	813.71875	858.71875
219	219	813.73125	858.73125
220	220	813.74375	858.74375
221	221	813.75625	858.75625
222	222	813.76875	858.76875
223	223	813.78125	858.78125
224	224	813.79375	858.79375
225	225	813.80625	858.80625
226	226	813.81875	858.81875

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85	85b	812.059375	857.059375
86	86a	812.065625	857.065625
86	86b	812.071875	857.071875
87	87a	812.078125	857.078125
87	87b	812.084375	857.084375
88	88a	812.090625	857.090625
88	88b	812.096875	857.096875
89	89a	812.103125	857.103125
89	89b	812.109375	857.109375
90	90a	812.115625	857.115625
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91	91b	812.134375	857.134375
92	92a	812.140625	857.140625
92	92b	812.146875	857.146875
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93	93b	812.159375	857.159375
94	94a	812.165625	857.165625
94	94b	812.171875	857.171875
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95	95b	812.184375	857.184375
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97	97a	812.203125	857.203125
97	97b	812.209375	857.209375
98	98a	812.215625	857.215625
98	98b	812.221875	857.221875
99	99a	812.228125	857.228125
99	99b	812.234375	857.234375
100	100a	812.240625	857.240625
100	100b	812.246875	857.246875
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103	103b	812.284375	857.284375
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107	107a	812.328125	857.328125
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108	108b	812.346875	857.346875
109	109a	812.353125	857.353125
109	109b	812.359375	857.359375
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110	110b	812.371875	857.371875
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111	111b	812.384375	857.384375
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112	112b	812.396875	857.396875
113	113a	812.403125	857.403125
113	113b	812.409375	857.409375

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228	228	813.84375	858.84375
229	229	813.85625	858.85625
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231	231	813.88125	858.88125
232	232	813.89375	858.89375
233	233	813.90625	858.90625
234	234	813.91875	858.91875
235	235	813.93125	858.93125
236	236	813.94375	858.94375
237	237	813.95625	858.95625
238	238	813.96875	858.96875
239	239	813.98125	858.98125
240	240	813.99375	858.99375

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116	116b	812.446875	857.446875
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117	117b	812.459375	857.459375
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118	118b	812.471875	857.471875
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120	120b	812.496875	857.496875
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121	121b	812.509375	857.509375
122	122a	812.515625	857.515625
122	122b	812.521875	857.521875
123	123a	812.528125	857.528125
123	123b	812.534375	857.534375
124	124a	812.540625	857.540625
124	124b	812.546875	857.546875
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125	125b	812.559375	857.559375
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129	129b	812.609375	857.609375
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131	131b	812.634375	857.634375
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134	134b	812.671875	857.671875
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135	135b	812.684375	857.684375
136	136a	812.690625	857.690625
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137	137b	812.709375	857.709375
138	138a	812.715625	857.715625
138	138b	812.721875	857.721875
139	139a	812.728125	857.728125
139	139b	812.734375	857.734375
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140	140b	812.746875	857.746875
141	141a	812.753125	857.753125
141	141b	812.759375	857.759375
142	142a	812.765625	857.765625
142	142b	812.771875	857.771875

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145	145b	812.809375	857.809375
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151	151b	812.884375	857.884375
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156	156b	812.946875	857.946875
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157	157b	812.959375	857.959375
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158	158b	812.971875	857.971875
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160	160b	812.996875	857.996875
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161	161b	813.009375	858.009375
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163	163a	813.028125	858.028125
163	163b	813.034375	858.034375
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164	164b	813.046875	858.046875
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165	165b	813.059375	858.059375
166	166a	813.065625	858.065625
166	166b	813.071875	858.071875
167	167a	813.078125	858.078125
167	167b	813.084375	858.084375
168	168a	813.090625	858.090625
168	168b	813.096875	858.096875
169	169a	813.103125	858.103125
169	169b	813.109375	858.109375
170	170a	813.115625	858.115625
170	170b	813.121875	858.121875
171	171a	813.128125	858.128125
171	171b	813.134375	858.134375

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177	177b	813.209375	858.209375
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179	179a	813.228125	858.228125
179	179b	813.234375	858.234375
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180	180b	813.246875	858.246875
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184	184b	813.296875	858.296875
185	185a	813.303125	858.303125
185	185b	813.309375	858.309375
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186	186b	813.321875	858.321875
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187	187b	813.334375	858.334375
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190	190a	813.365625	858.365625
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191	191b	813.384375	858.384375
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192	192b	813.396875	858.396875
193	193a	813.403125	858.403125
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198	198a	813.465625	858.465625
198	198b	813.471875	858.471875
199	199a	813.478125	858.478125
199	199b	813.484375	858.484375
200	200a	813.490625	858.490625
200	200b	813.496875	858.496875



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201	201a	813.503125	858.503125
201	201b	813.509375	858.509375
202	202a	813.515625	858.515625
202	202b	813.521875	858.521875
203	203a	813.528125	858.528125
203	203b	813.534375	858.534375
204	204a	813.540625	858.540625
204	204b	813.546875	858.546875
205	205a	813.553125	858.553125
205	205b	813.559375	858.559375
206	206a	813.565625	858.565625
206	206b	813.571875	858.571875
207	207a	813.578125	858.578125
207	207b	813.584375	858.584375
208	208a	813.590625	858.590625
208	208b	813.596875	858.596875
209	209a	813.603125	858.603125
209	209b	813.609375	858.609375
210	210a	813.615625	858.615625
210	210b	813.621875	858.621875
211	211a	813.628125	858.628125
211	211b	813.634375	858.634375
212	212a	813.640625	858.640625
212	212b	813.646875	858.646875
213	213a	813.653125	858.653125
213	213b	813.659375	858.659375
214	214a	813.665625	858.665625
214	214b	813.671875	858.671875
215	215a	813.678125	858.678125
215	215b	813.684375	858.684375
216	216a	813.690625	858.690625
216	216b	813.696875	858.696875
217	217a	813.703125	858.703125
217	217b	813.709375	858.709375
218	218a	813.715625	858.715625
218	218b	813.721875	858.721875
219	219a	813.728125	858.728125
219	219b	813.734375	858.734375
220	220a	813.740625	858.740625
220	220b	813.746875	858.746875
221	221a	813.753125	858.753125
221	221b	813.759375	858.759375
222	222a	813.765625	858.765625
222	222b	813.771875	858.771875
223	223a	813.778125	858.778125
223	223b	813.784375	858.784375
224	224a	813.790625	858.790625
224	224b	813.796875	858.796875
225	225a	813.803125	858.803125
225	225b	813.809375	858.809375
226	226a	813.815625	858.815625
226	226b	813.821875	858.821875
227	227a	813.828125	858.828125
227	227b	813.834375	858.834375
228	228a	813.840625	858.840625
228	228b	813.846875	858.846875
229	229a	813.853125	858.853125
229	229b	813.859375	858.859375

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230	230a	813.865625	858.865625
230	230b	813.871875	858.871875
231	231a	813.878125	858.878125
231	231b	813.884375	858.884375
232	232a	813.890625	858.890625
232	232b	813.896875	858.896875
233	233a	813.903125	858.903125
233	233b	813.909375	858.909375
234	234a	813.915625	858.915625
234	234b	813.921875	858.921875
235	235a	813.928125	858.928125
235	235b	813.934375	858.934375
236	236a	813.940625	858.940625
236	236b	813.946875	858.946875
237	237a	813.953125	858.953125
237	237b	813.959375	858.959375
238	238a	813.965625	858.965625
238	238b	813.971875	858.971875
239	239a	813.978125	858.978125
239	239b	813.984375	858.984375
240	240a	813.990625	858.990625
240	240b	813.996875	858.996875