

Sr_No	Tower_No	Name_Of Line	Tower_L altitude	Tower_L ongitude	Forward_ Span	Type_Of_ Tower	Comm_L ength	Applicable TSD
1	1	132 KV S/C KHANDONG-UMRANGSO	25.51764	92.66691	230	C+0	230	TSD NEEPCO DESIGN
2	2	132 KV S/C KHANDONG-UMRANGSO	25.51833	92.66905	138	B+3	368	
3	3	132 KV S/C KHANDONG-UMRANGSO	25.51882	92.67028	322	A+0	690	
4	4	132 KV S/C KHANDONG-UMRANGSO	25.51982	92.67334	291	B+3	981	
5	5	132 KV S/C KHANDONG-UMRANGSO	25.52085	92.67621	323	A+0	1304	
6	6	132 KV S/C KHANDONG-UMRANGSO	25.52181	92.67884	170	B+0	1474	
7	7	132 KV S/C KHANDONG-UMRANGSO	25.52257	92.68085	260	A+0	1734	
8	8	132 KV S/C KHANDONG-UMRANGSO	25.5236	92.68303	310	C+3	2044	
9	9	132 KV S/C KHANDONG-UMRANGSO	25.52492	92.68588	210	A+3	2254	
10	10	132 KV S/C KHANDONG-UMRANGSO	25.52574	92.68754	320	B+6	2574	
11	11	132 KV S/C KHANDONG-UMRANGSO	25.52712	92.69031	220	A+6	2794	
12	12	132 KV S/C KHANDONG-UMRANGSO	25.52802	92.69229	355	A+0	3149	
13	13	132 KV S/C KHANDONG-UMRANGSO	25.52949	92.69496	284	B+0	3433	
14	14	132 KV S/C KHANDONG-UMRANGSO	25.53137	92.6974	276	A+0	3709	
15	15	132 KV S/C KHANDONG-UMRANGSO	25.53316	92.69949	352	A+3	4061	
16	16	132 KV S/C KHANDONG-UMRANGSO	25.5353	92.70146	242	C+0	4303	
17	17	132 KV S/C KHANDONG-UMRANGSO	25.5358	92.70405	443	B+0	4746	
18	18	132 KV S/C KHANDONG-UMRANGSO	25.53585	92.70846	250	B+0	4996	
19	19	132 KV S/C KHANDONG-UMRANGSO	25.53472	92.71077	280	A+0	5276	
20	20	132 KV S/C KHANDONG-UMRANGSO	25.53354	92.71345	410	A+0	5686	
21	21	132 KV S/C KHANDONG-UMRANGSO	25.53172	92.71693	552	B+6	6238	
22	22	132 KV S/C KHANDONG-UMRANGSO	25.52934	92.72145	500	B+6	6738	
23	23	132 KV S/C KHANDONG-UMRANGSO	25.52686	92.72578	310	B+6	7048	
24	24	132 KV S/C KHANDONG-UMRANGSO	25.52522	92.72803	203	A+0	7251	
25	25	132 KV S/C KHANDONG-UMRANGSO	25.52415	92.72965	370	B+0	7621	
26	26	132 KV S/C KHANDONG-UMRANGSO	25.52196	92.73248	530	B+0	8151	
27	27	132 KV S/C KHANDONG-UMRANGSO	25.51884	92.73649	380	B+0	8531	
28	28	132 KV S/C KHANDONG-UMRANGSO	25.51655	92.73925	240	A+0	8771	
29	29	132 KV S/C KHANDONG-UMRANGSO	25.51529	92.74134	250	A+0	9021	
30	30	132 KV S/C KHANDONG-UMRANGSO	25.51388	92.7428	298	A+0	9319	
31	31	132 KV S/C KHANDONG-UMRANGSO	25.51287	92.74396	269	C+0	9588	
32	32	132 KV S/C KHANDONG-UMRANGSO	25.51211	92.74487	450	C+0	10038	

Vikram

विक्रम कुमार/Vikram Kumar
कनिष्ठ अभियंता/Engineer
पावरग्रिड/POWERGRID
हाफलोंग/Haflong

Pankaj
9/04/24
Pankaj Mehta, Engr

K. K. Medhi
09/04/2024
के.के. मेधी, वरिष्ठ उप महाप्रबंधक
K. K. MEDHI, Sr. Deputy General Manager
पावरग्रिड, हाफलोंग
POWERGRID, HAFLONG

Sr_No	Tower_No	Voltage_Level	Name_Of_Line	Tower_Latitud_e	Tower_Longitud_e	Forward_Span	Type_Of_Tower	Comm_L_ength	Applicable_TSD
1	33	132kV	132 KV S/C HAFLONG-UMRANGSO	25 506028	92 742863	414	C+0	10452	
2	34	132kV	132 KV S/C HAFLONG-UMRANGSO	25 5016274	92 7402852	600	B+6	11252	
3	35	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4964996	92 738637	170	A+0	11422	
4	36	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4948066	92 7382646	540	A+0	11962	
5	37	132kV	132 KV S/C HAFLONG-UMRANGSO	25 491596	92 73719	266	A+0	12228	
6	38	132kV	132 KV S/C HAFLONG-UMRANGSO	25 487774	92 736507	224	B+0	12452	
7	39	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4857	92 73589	310	B+0	12762	
8	40	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4832293	92 7352303	210	B+0	12972	
9	41	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4811277	92 7346824	220	B+0	13192	
10	42	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4793551	92 7343118	330	B+3	13522	
11	43	132kV	132 KV S/C HAFLONG-UMRANGSO	25 476631	92 733563	455	B+0	13977	
12	44	132kV	132 KV S/C HAFLONG-UMRANGSO	25 47261	92 732501	280	C+3	14257	
13	45	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4703112	92 7330121	460	A+0	14717	
14	46	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4661414	92 7337049	184	B+0	14901	
15	47	132kV	132 KV S/C HAFLONG-UMRANGSO	25 464591	92 7339944	280	B+3	15181	
16	48	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4626832	92 733835	240	A+0	15421	
17	49	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4606924	92 7338923	520	A+6	15941	
18	50	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4561345	92 7337776	340	B+6	16281	
19	51	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4532366	92 7334476	327	A+0	16608	
20	52	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4503122	92 7331772	243	B+0	16851	
21	53	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4483683	92 73287	190	B+0	17041	
22	54	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4464468	92 7325924	174	B+0	17215	
23	55	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4451616	92 7322135	198	B+3	17413	
24	56	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4432323	92 7318222	216	C+0	17629	
25	57	132kV	132 KV S/C HAFLONG-UMRANGSO	25 441499	92 732977	304	A+0	17933	
26	58	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4388531	92 7339343	260	A+0	18193	
27	59	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4370091	92 7353193	486	B+0	18679	
28	60	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4337265	92 7387853	461	C+0	19140	
29	61	132kV	132 KV S/C HAFLONG-UMRANGSO	25 433669	92 742908	256	C+3	19396	
30	62	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4324024	92 7454113	302	A+0	19698	
31	63	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4285745	92 749571	283	A+0	19981	
32	64	132kV	132 KV S/C HAFLONG-UMRANGSO	25 426532	92 752111	341	A+6	20322	
33	65	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4247395	92 7554262	419	B+0	20741	
34	66	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4248158	92 75639	409	B+0	21150	
35	67	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4237577	92 7592879	268	A+0	21418	
36	68	132kV	132 KV S/C HAFLONG-UMRANGSO	25 422946	92 761904	306	B+0	21724	
37	69	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4214813	92 7642481	518	A+0	22242	
38	70	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4186913	92 7685293	300	B+0	22542	
39	71	132kV	132 KV S/C HAFLONG-UMRANGSO	25 416789	92 770742	320	B+6	22862	
40	72	132kV	132 KV S/C HAFLONG-UMRANGSO	25 415329	92 772876	350	B+3	23212	
41	73	132kV	132 KV S/C HAFLONG-UMRANGSO	25 413186	92 77552	450	A+0	23662	
42	74	132kV	132 KV S/C HAFLONG-UMRANGSO	25 410771	92 778961	290	A+0	23952	
43	75	132kV	132 KV S/C HAFLONG-UMRANGSO	25 40914	92 780881	316	B+0	24268	
44	76	132kV	132 KV S/C HAFLONG-UMRANGSO	25 40756	92 78351	374	B+3	24642	
45	77	132kV	132 KV S/C HAFLONG-UMRANGSO	25 405358	92 786376	406	A+0	25048	
46	78	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4029203	92 7893289	274	A+6	25322	
47	79	132kV	132 KV S/C HAFLONG-UMRANGSO	25 4014596	92 7913829	536	A+0	25858	
48	80	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3985862	92 7954438	346	C+0	26204	
49	81	132kV	132 KV S/C HAFLONG-UMRANGSO	25 39523	92 79513	338	A+0	26542	
50	82	132kV	132 KV S/C HAFLONG-UMRANGSO	25 392297	92 79466	292	A+6	26834	
51	83	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3887998	92 7943535	506	B+3	27340	
52	84	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3843585	92 7937947	280	A+3	27620	
53	85	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3812378	92 7935171	252	A+6	27872	
54	86	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3795043	92 7932747	230	C+0	28102	
55	87	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3781104	92 7950102	436	A+0	28538	
56	88	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3753485	92 7981977	374	A+0	28912	
57	89	132kV	132 KV S/C HAFLONG-UMRANGSO	25 373057	92 801145	440	B+0	29352	
58	90	132kV	132 KV S/C HAFLONG-UMRANGSO	25 370442	92 804462	356	A+0	29708	
59	91	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3684639	92 8071033	390	B+0	30098	
60	92	132kV	132 KV S/C HAFLONG-UMRANGSO	25 367319	92 811016	264	A+0	30362	
61	93	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3665969	92 8132672	280	B+0	30642	
62	94	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3657384	92 8159072	322	A+0	30964	
63	95	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3644173	92 8186132	218	A+6	31182	
64	96	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3636543	92 8205817	196	A+0	31378	
65	97	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3629068	92 8224393	494	B+0	31872	
66	98	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3612105	92 8269573	290	A+0	32162	
67	99	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3601031	92 8297151	349	A+0	32511	
68	100	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3589883	92 8325146	330	C+0	32841	
69	101	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3597757	92 8357615	174	A+0	33015	
70	102	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3600555	92 8374599	445	B+0	33460	
71	103	132kV	132 KV S/C HAFLONG-UMRANGSO	25 361106	92 841007	146	A+0	33606	
72	104	132kV	132 KV S/C HAFLONG-UMRANGSO	25 361492	92 843053	356	B+0	33962	
73	105	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3624	92 846378	210	B+0	34172	
74	106	132kV	132 KV S/C HAFLONG-UMRANGSO	25 362987	92 84814	280	B+0	34452	
75	107	132kV	132 KV S/C HAFLONG-UMRANGSO	25 364111	92 852427	460	B+3	34912	
76	108	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3648881	92 8557411	270	B+6	35182	
77	109	132kV	132 KV S/C HAFLONG-UMRANGSO	25 365816	92 857741	382	B+0	35564	
78	110	132kV	132 KV S/C HAFLONG-UMRANGSO	25 366678	92 861573	178	C+0	35742	
79	111	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3661172	92 8634673	210	A+0	35952	
80	112	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3655951	92 8652775	310	A+0	36262	
81	113	132kV	132 KV S/C HAFLONG-UMRANGSO	25 364641	92 868727	460	A+0	36722	
82	114	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3634789	92 8725593	340	C+6	37032	
83	115	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3606624	92 8739277	460	A+0	37522	
84	116	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3568639	92 8757477	180	A+0	37702	

TSD
NEEPCO
DESIGN

haflong Umrangso

Vikram Kumar
Vikram Kumar
Jr. Engineer
POWERGRID
Haflong

Pankaj Mehta
Pankaj Mehta, Evgol
9/04/24

K. K. Medhi
K. K. MEDHI, Sr. Deputy General Manager
पावरग्रिड, हाफलॉंग
POWERGRID, HAFLONG
09/04/2024

85	117	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3554297	92 8701003	300	A+3	36002
86	118	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3529211	92 8776631	589	B+0	38591
87	119	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3495129	92 8020241	180	C+0	38771
88	120	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3496002	92 8622908	551	B+0	39322
89	121	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3431898	92 8838097	460	B+0	39782
90	122	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3395904	92 8858125	350	B+3	40132
91	123	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3367961	92 8872381	177	B+0	40309
92	124	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3354458	92 887963	382	B+0	40691
93	125	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3321107	92 888879	495	B+0	41187
94	126	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3277086	92 889696	476	B+0	41663
95	127	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3235129	92 8905891	420	C+0	42083
96	128	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3204166	92 8918206	60	C+0	42143
97	129	132kV	132 KV S/C HAFLONG-UMRANGSO	25 319776	92 891677	80	S+0	42223
98	130	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3192299	92 8917783	1210	R+6	43433
99	131	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3086507	92 8909648	250	R+0	43683
100	132	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3065611	92 8906584	30	S+0	43713
101	133	132kV	132 KV S/C HAFLONG-UMRANGSO	25 306316	92 8909118	230	C+0	43943
102	134	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3041799	92 8906111	280	B+6	44223
103	135	132kV	132 KV S/C HAFLONG-UMRANGSO	25 302066	92 8896927	90	B+0	44313
104	136	132kV	132 KV S/C HAFLONG-UMRANGSO	25 3014045	92 8893503	184	B+0	44497
105	137	132kV	132 KV S/C HAFLONG-UMRANGSO	25 299952	92 888706	201	B+0	44698
106	138	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2980438	92 887957	164	C+0	44882
107	139	132kV	132 KV S/C HAFLONG-UMRANGSO	25 296634	92 888645	224	A+0	45086
108	140	132kV	132 KV S/C HAFLONG-UMRANGSO	25 294966	92 889639	537	B+0	45623
109	141	132kV	132 KV S/C HAFLONG-UMRANGSO	25 29064623	92 8924942	180	B+3	45803
110	142	132kV	132 KV S/C HAFLONG-UMRANGSO	25 289667	92 892245	434	A+0	46237
111	143	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2853381	92 8928183	612	B+0	46849
112	144	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2797873	92 8940972	214	C+0	47063
113	145	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2783455	92 8955309	254	A+0	47317
114	146	132kV	132 KV S/C HAFLONG-UMRANGSO	25 276593	92 896717	454	B+0	47771
115	147	132kV	132 KV S/C HAFLONG-UMRANGSO	25 27395	92 899242	332	A+0	48103
116	148	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2713232	92 901789	242	A+0	48345
117	149	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2698519	92 9029645	414	B+3	48759
118	150	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2670201	92 90569	230	B+0	48989
119	151	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2655763	92 9072216	372	B+0	49361
120	152	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2630605	92 9093914	428	A+0	49789
121	153	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2600725	92 9121939	244	B+6	50033
122	154	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2585195	92 9135738	446	A+0	50479
123	155	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2552935	92 9165495	394	B+0	50873
124	156	132kV	132 KV S/C HAFLONG-UMRANGSO	25 25276	92 91904	506	B+0	51379
125	157	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2490731	92 9223527	234	A+0	51613
126	158	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2476759	92 9238544	636	B+0	52249
127	159	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2431811	92 9278227	524	B+3	52773
128	160	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2394974	92 9312175	240	B+3	53013
129	161	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2388746	92 9332557	332	A+0	53345
130	162	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2375569	92 9363015	358	A+0	53703
131	163	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2367781	92 9387136	416	B+6	54119
132	164	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2351886	92 942568	586	B+0	54705
133	165	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2330584	92 9478048	330	B+0	55035
134	166	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2310579	92 9500361	268	B+0	55303
135	167	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2293525	92 9518954	366	B+3	55669
136	168	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2269785	92 9543327	430	B+0	56099
137	169	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2251617	92 9575701	500	B+0	56599
138	170	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2222221	92 9614993	180	C+6	56779
139	171	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2214983	92 9631088	378	B+3	57157
140	172	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2200809	92 9665399	418	B+0	57575
141	173	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2184115	92 97015	262	B+0	57837
142	174	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2174155	92 9728168	458	B+0	58295
143	175	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2158977	92 9766862	426	B+0	58721
144	176	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2143516	92 9804327	384	B+3	59105
145	177	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2128069	92 983671	136	B+0	59241
146	178	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2119199	92 9847754	370	B+0	59611
147	179	132kV	132 KV S/C HAFLONG-UMRANGSO	25 210874	92 986611	30	C+0	59641
148	180	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2101891	92 9880756	240	S+0	59881
149	181	132kV	132 KV S/C HAFLONG-UMRANGSO	25 209676	92 990479	1200	R+0	61081
150	182	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2070069	93 0018123	210	R+0	61291
151	183	132kV	132 KV S/C HAFLONG-UMRANGSO	25 206601	93 0041413	36	S+0	61327
152	184	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2064913	93 0048559	354	C+6	61681
153	185	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2048146	93 0071419	442	B+3	62123
154	186	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2022911	93 0106512	240	B+0	62363
155	187	132kV	132 KV S/C HAFLONG-UMRANGSO	25 2007212	93 0129231	350	B+0	62713
156	188	132kV	132 KV S/C HAFLONG-UMRANGSO	25 199122	93 0147602	260	C+0	62973
157	189	132kV	132 KV S/C HAFLONG-UMRANGSO	25 199207	93 0164614	63	C+0	63036

TSD
NEEPCO
DESIGN

checked & verified under Haflong Jurisdiction.

Vikram

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पावरग्रिड, N.E.P.C.O.
हाफलांग/Haflong9/04/24
Parraj Mechi, Engr

haflong Umrangso

09/04/2024

के.के. मेधी, वरिष्ठ उप महाप्रबंधक
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पावरग्रिड, हाफलांग
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