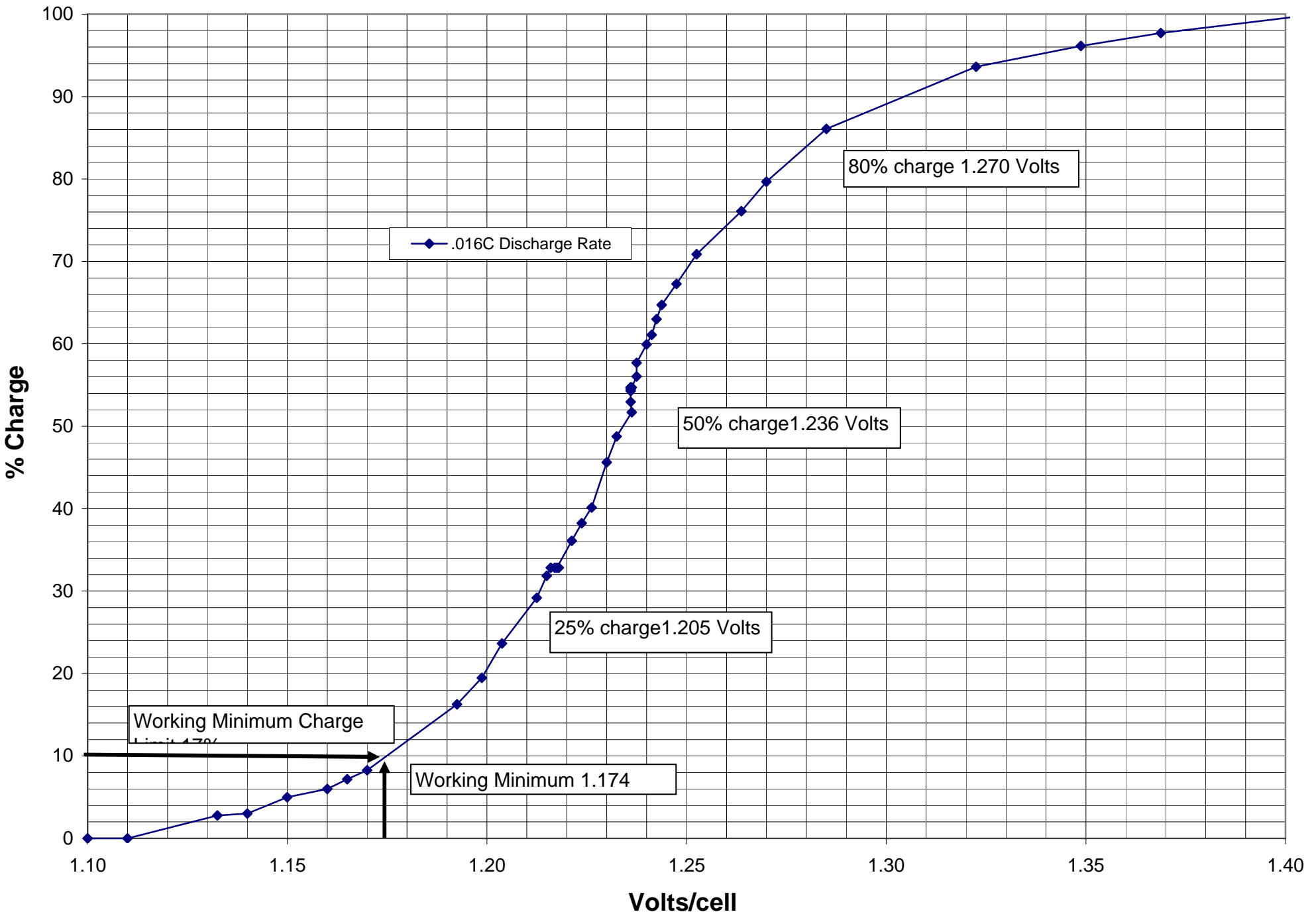


## Cell State of Charge At Measured Discharge Voltage

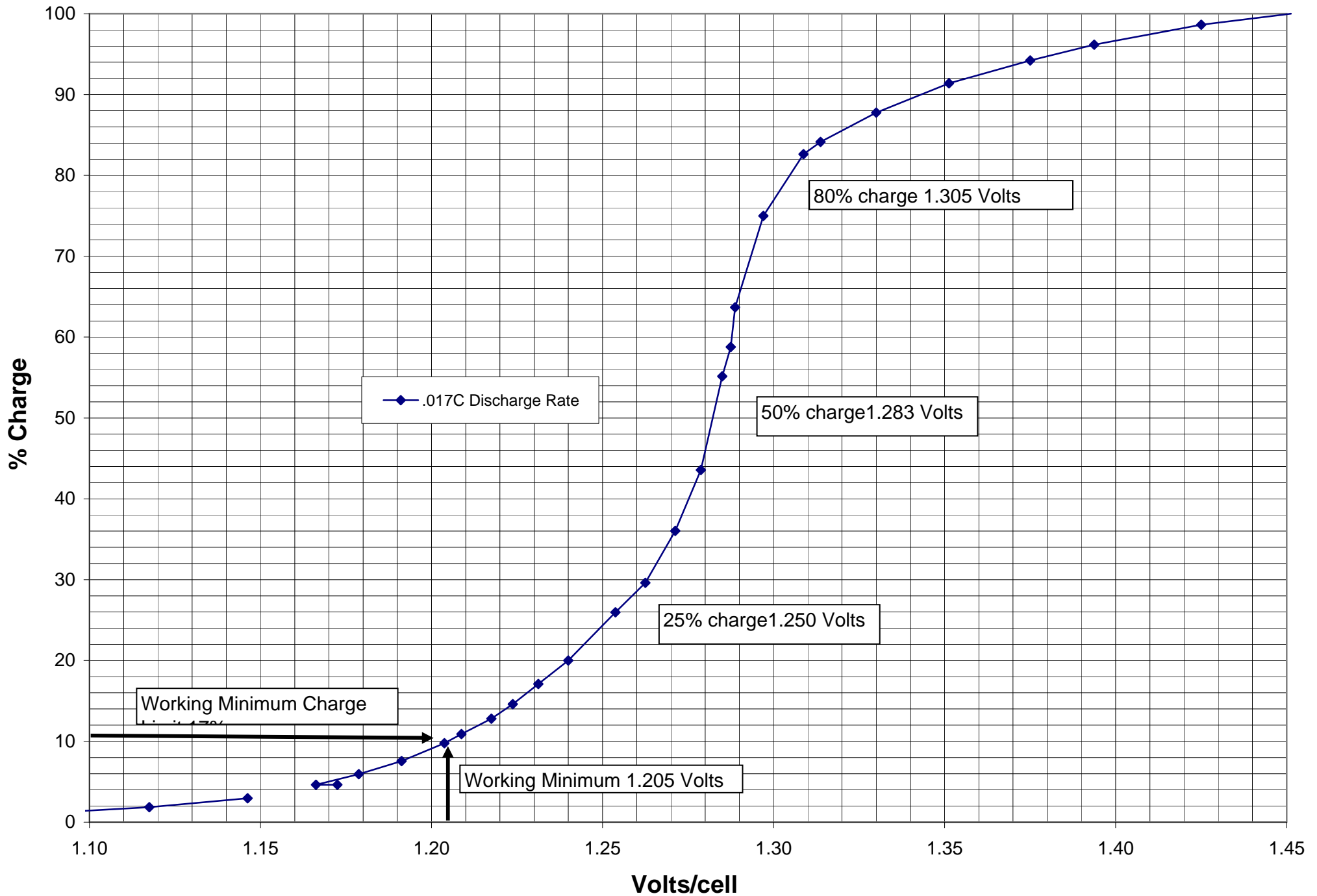
(4/13/2015)

	AAA/AA NiMH 800/2200 mah 1010/2430 mwh 91/33 ohm testing 12.1/28.1gm/cell (emb LSD)		AAA/AA NiZN 490/1450 mah 810/2460 mwh 91/59 ohm testing 11/24.5gm/cell (generic)		AAA/AA Alkaline 1350/2870 mah 1600/3520 mwh 91/59 ohm testing 11.5/23.5 gm/cell (generic)		AAA/AA Heavy Duty 400/950 mah 500/1200 mwh 91/59 ohm testing 7.2/11.5 gm/cell (generic)	
	Voltage	%Charge	Voltage	%Charge	Voltage	%Charge	Voltage	%Charge
full	1.45	100	1.88	100	1.63	100	1.65	100
full	1.40	97	1.82	97	1.55	98	1.54	98
full	1.38	95	1.80	95	1.50	97	1.50	95
	1.36	93	1.78	92	1.45	94	1.45	91
	1.33	88	1.76	87	1.40	86	1.40	80
	1.32	86	1.74	80	1.35	75	1.35	76
	1.31	83	1.73	72	1.32	66	1.34	62
	1.30	78	1.72	62	1.30	58	1.32	55
	1.29	66	1.71	52	1.25	43	1.30	45
half	1.28	46	1.70	42	1.20	34	1.28	39
	1.27	35	1.69	34	1.15	26	1.25	30
	1.26	28	1.68	29	1.10	22	1.20	20
	1.25	24	1.66	21	1.05	19	1.15	13
	1.23	17	1.64	15	1.00	16	1.10	9
	1.22	14	1.62	10	0.95	11	1.05	6
empty	1.20	9	1.60	7	0.90	8	1.00	4
empty	1.14	3	1.58	5	0.85	4	0.95	2
empty	1.10	1	1.56	2	0.80	1	0.90	1

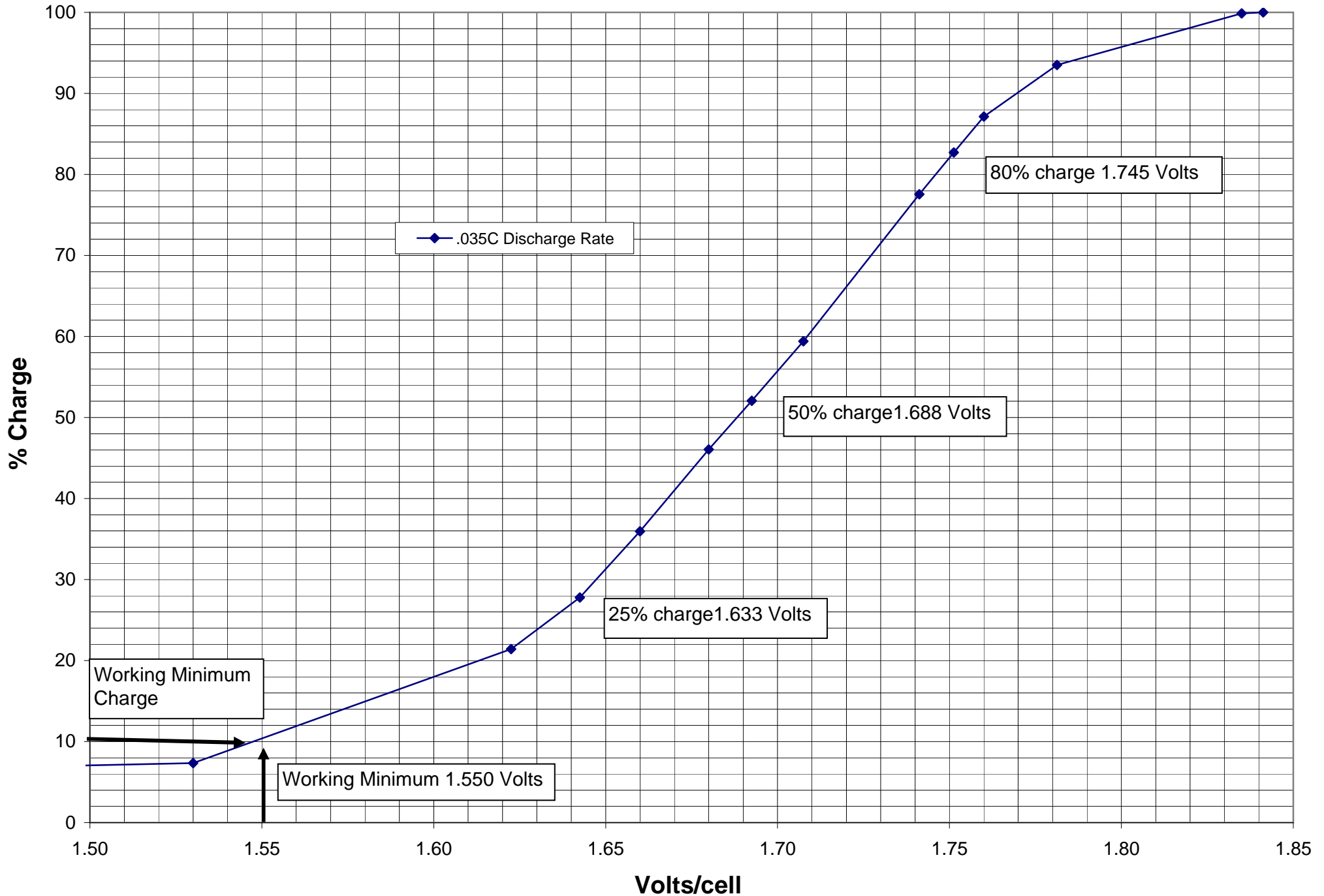
**AAA emb NIMH 823-800 mah 1016 mwh cell State-Of-Charge during 94 ohm discharge  
(Use .016C or average 13 ma discharge rate)**



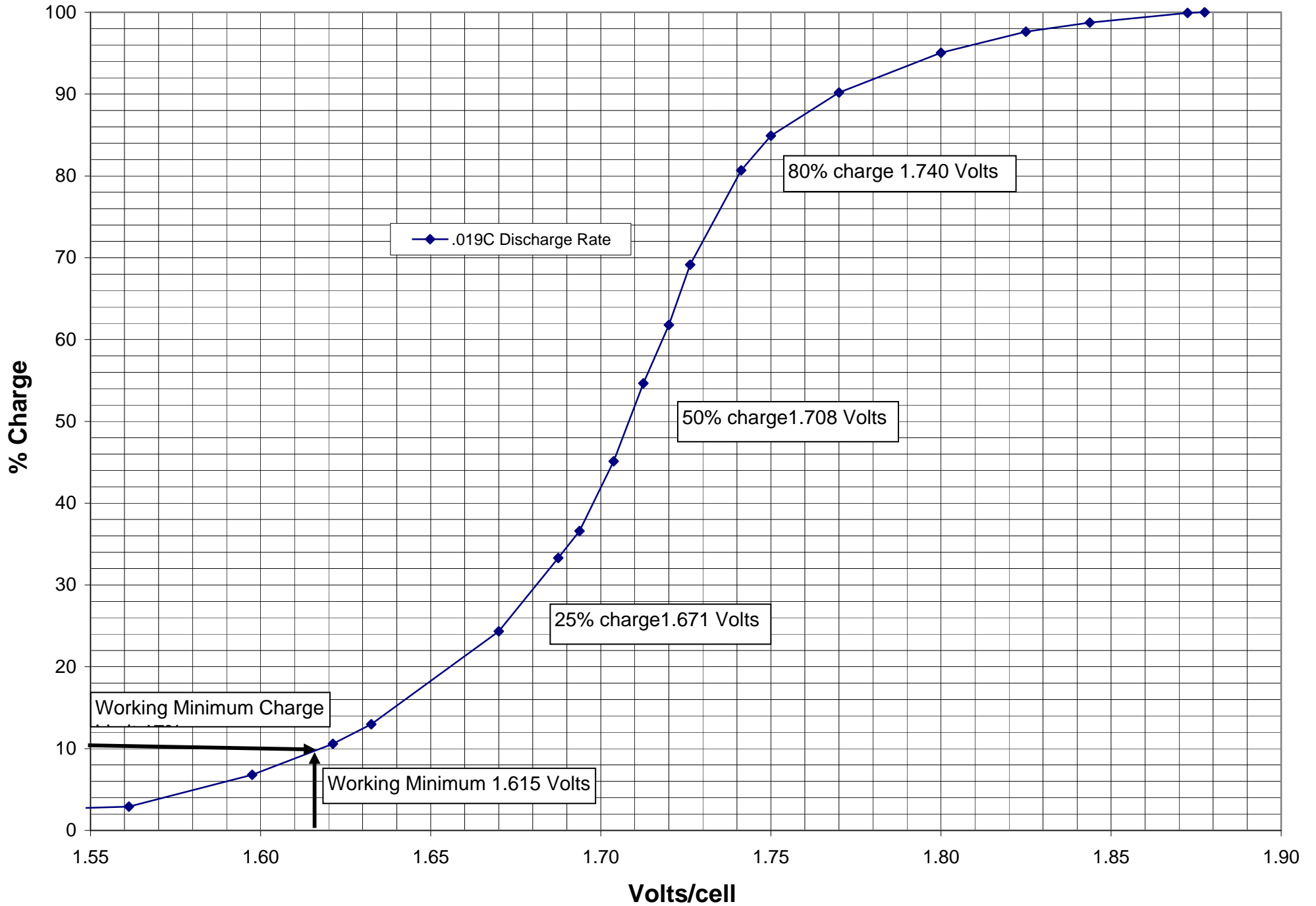
**AA emb NIMH 2149-2200 mah 2434 mwh cell State-Of-Charge during 35 ohm discharge  
(Use .017C or aprox 36 ma discharge rate)**



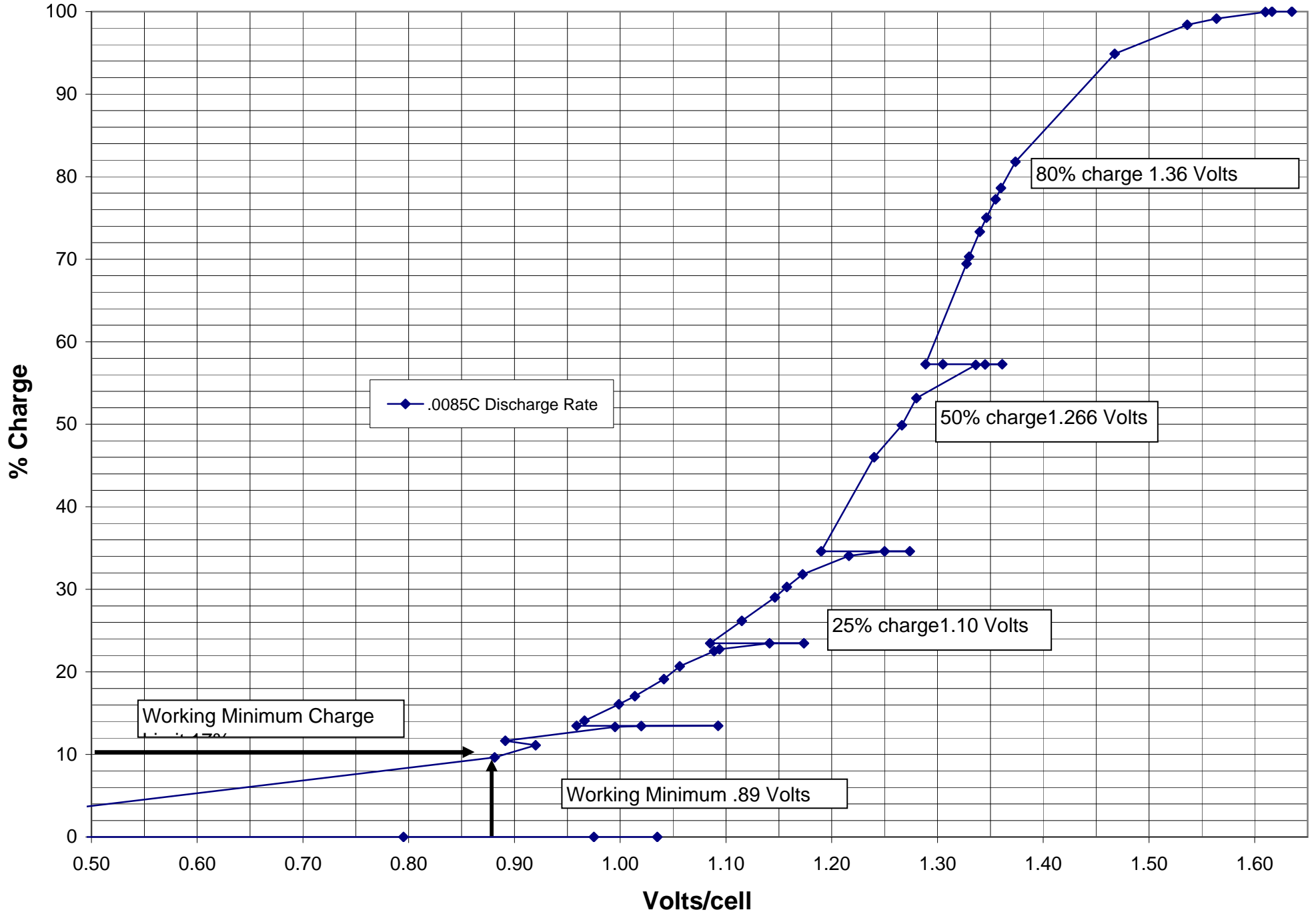
# AAA NiZN 490 mah 811-1000 mwh cell State-Of-Charge during 95 ohm discharge (Use .035C or average 17 ma discharge rate)



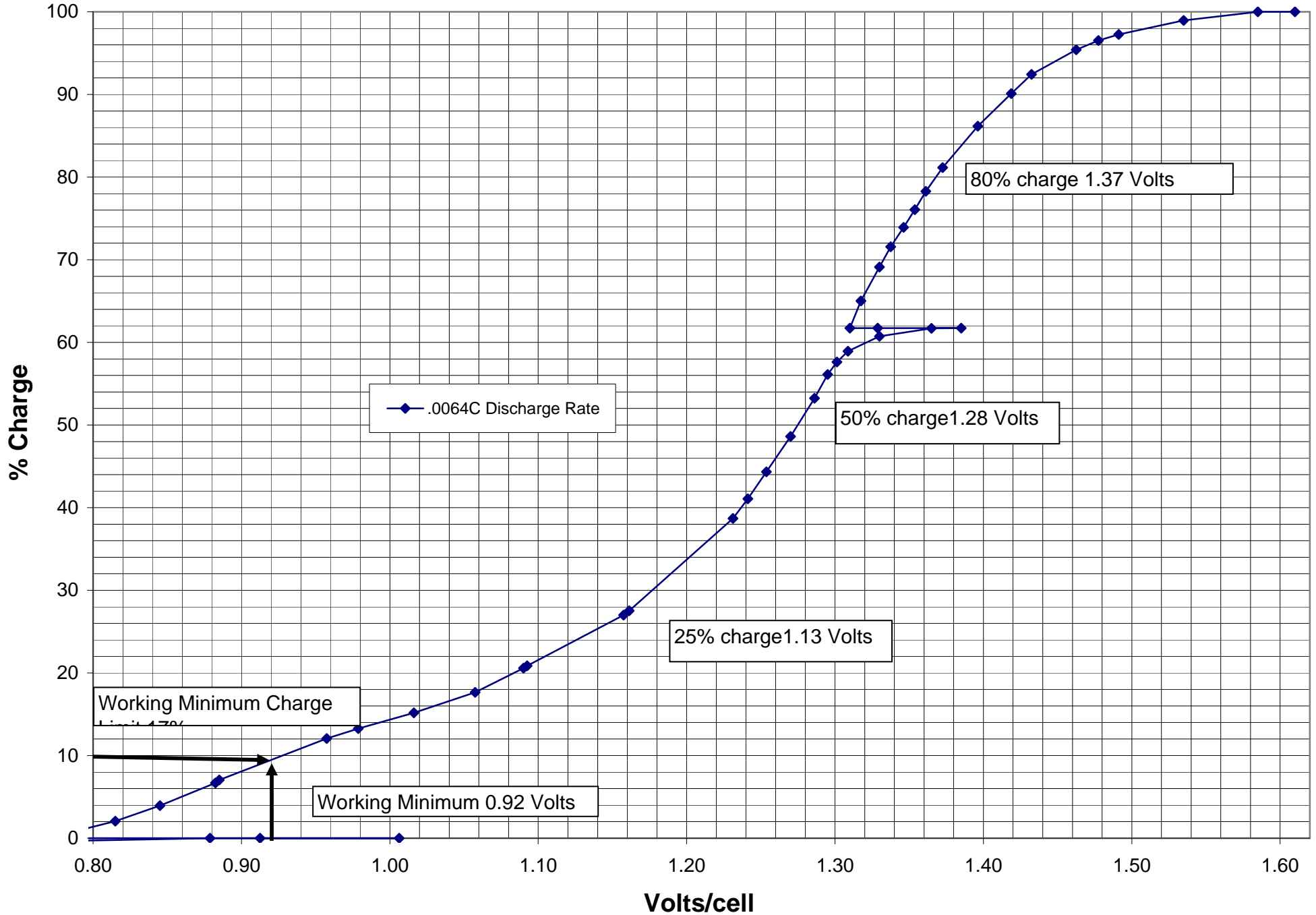
**AA NiZN 1450 mah 2464-2500 mwh cell State-Of-Charge during 59 ohm discharge  
(Use .019C or average 29 ma discharge rate)**



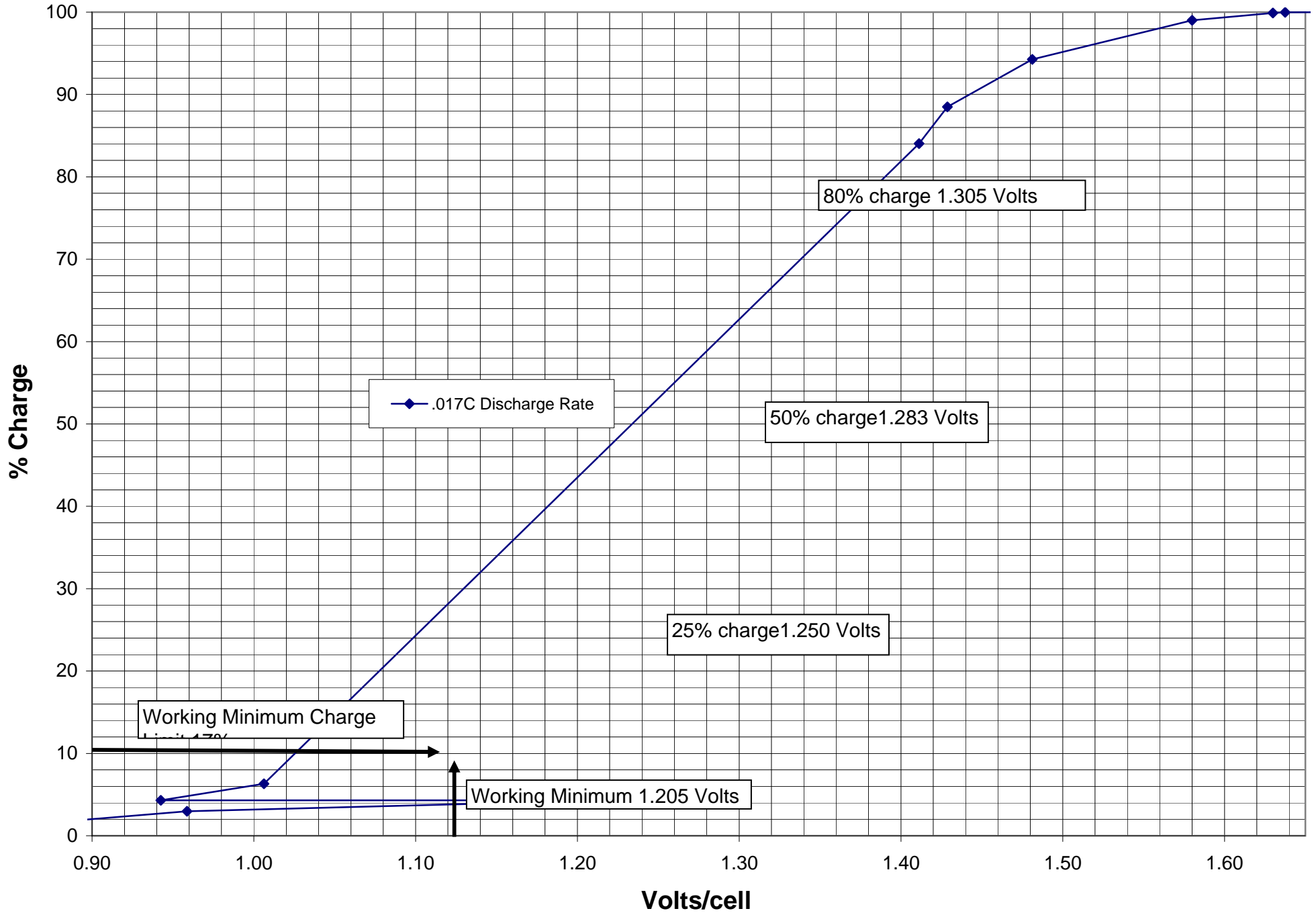
# AAA Alkaline (1.75 years to expiring) 1350 mah 1600 mwh cell State-Of-Charge during 95 ohm discharge (Use .0085C or aprox 12 ma discharge rate)



# AA Alcaline 2870 mah 3525 mwh cell State-Of-Charge during 59 ohm discharge (Use .0064C or aprox 18 ma discharge rate)



# AAA Heavy Duty Zink Chloride 400 mah 500 mwh cell State-Of-Charge during 3594 ohm discharge (Use .031C or aprox 13 ma discharge rate)





# AA Heavy Duty Zink Chloride 950 mah 1200 mwh cell State-Of-Charge during 59 ohm discharge (Use .015C or aprox 14 ma discharge rate)

