



False Alerts 2009



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**False Alerts
2009**

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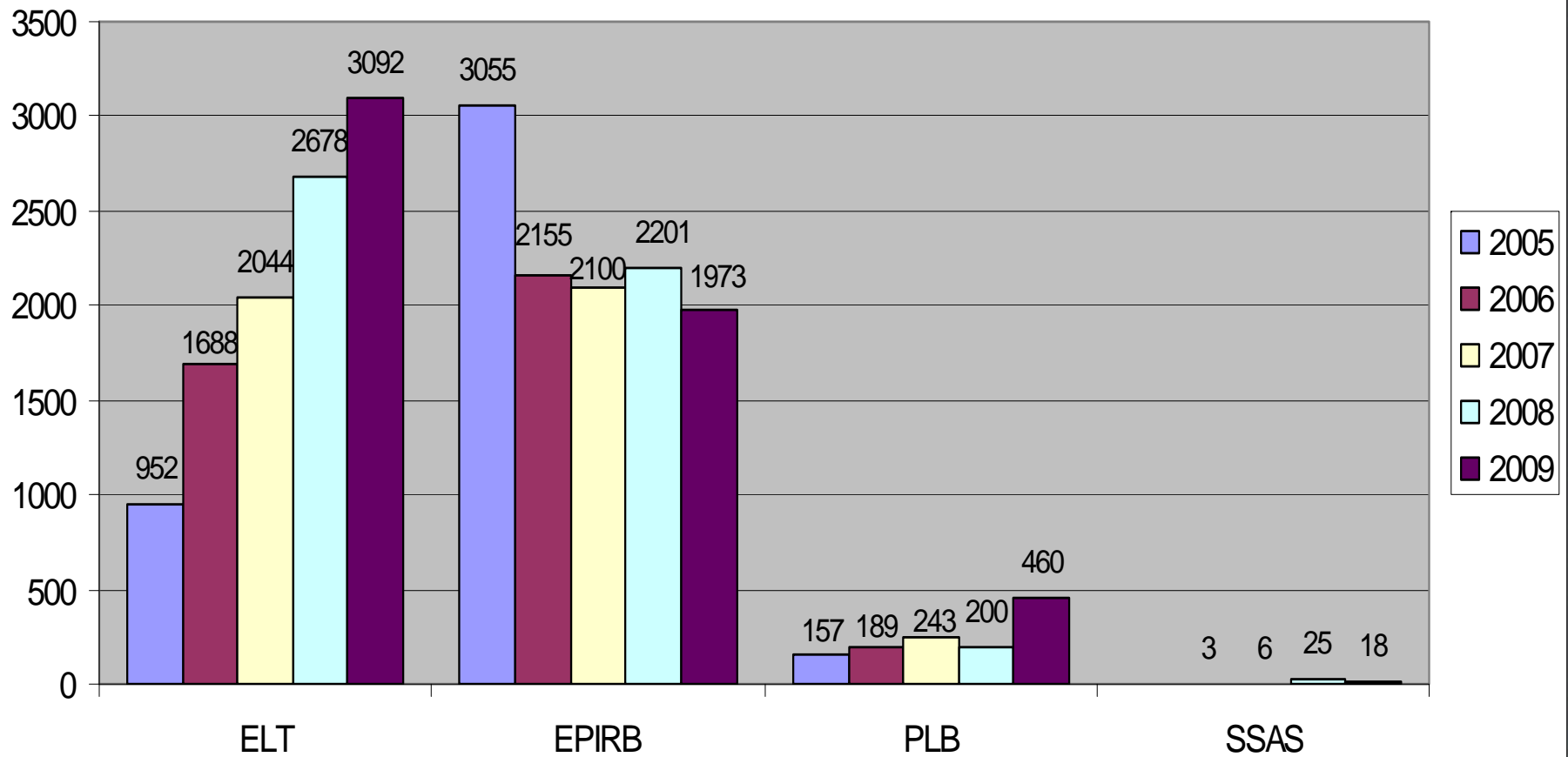




False Alerts 2009



False Alerts By Beacon Registration Type





False Alerts 2009



False Alert Rate By Beacon Type

(Number of False Alerts/Estimated Beacon Population)

EPIRB

1.30%

ELT

7.16%

PLB

0.85%



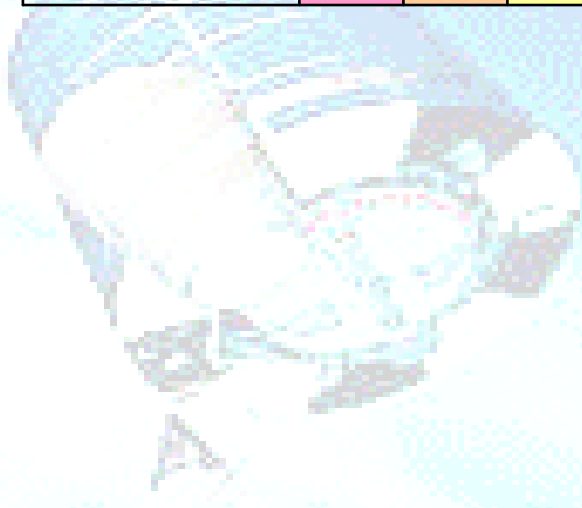


False Alerts 2009



False Alert Rate By Beacon Type vs. Registrations By Beacon Type

	ELTs					EPIRBS					PLBS				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
% of False Alerts	23	42	47	52	56	73	53	48	43	36	4	5	6	4	8
% of Registrations	6	8	10	13	16	87	81	74	68	62	7	11	16	19	22





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False Alert Rate = False Alerts / Estimated Beacon Population By Manufacturer and Model

Beacon Type	Model Number	2005	2006	2007	2008	2009
ELT	Model 74					28.05%
ELT	Model 78					18.68%
ELT	Model 31	6.19%	10.10%	7.36%	4.91%	11.00%
ELT	Model 1	12.93%	13.00%	11.89%	9.50%	7.91%
ELT	Model 61			16.45%	7.84%	6.82%
ELT	Model 68				3.91%	6.13%
ELT	Model 53		14.50%	16.80%	7.06%	6.08%
PLB	Model 73				0.12%	5.55%
ELT	Model 3	7.05%	7.74%	7.08%	6.73%	5.55%
ELT	Model 69				5.08%	5.34%
ELT	Model 75					4.65%
ELT	Model 76					4.58%
ELT	Model 70				0.00%	4.16%
ELT	Model 2	7.47%	7.08%	8.86%	6.14%	4.01%
ELT	Model 65			3.33%	3.55%	3.81%
EPIRB	Model 13	3.92%	3.08%	2.71%	3.82%	3.33%
ELT	Model 30	8.14%	11.14%		4.95%	3.20%
ELT	Model 4	5.21%	3.02%	3.42%	2.73%	3.02%
ELT	Model 51		11.00%	3.48%	3.40%	2.93%
ELT	Model 77					2.90%
ELT	Model 55		0.00%	0.42%	1.77%	2.71%

Beacon Type	Model Number	2005	2006	2007	2008	2009
EPIRB	Model 21	0.00%	1.22%	0.60%	1.22%	2.48%
EPIRB	Model 26	1.81%	1.36%	1.51%	2.10%	2.07%
EPIRB	Model 24	2.40%	0.96%	0.71%	1.23%	2.00%
EPIRB	Model 6	4.70%	2.51%	2.07%	3.49%	1.74%
EPIRB	Model 10	3.52%	1.74%	1.74%	1.44%	1.65%
EPIRB	Model 5	4.04%	2.95%	2.68%	2.01%	1.53%
EPIRB	Model 64			0.26%	1.50%	1.46%
ELT	Model 54		1.04%	0.05%	0.51%	1.44%
EPIRB	Model 33	2.10%	2.53%	2.45%	1.29%	1.44%
EPIRB	Model 27	1.25%	1.36%	1.53%	1.09%	1.38%
EPIRB	Model 7	2.50%	1.79%	1.97%	1.60%	1.37%
EPIRB	Model 8	2.90%	1.67%	1.71%	1.35%	1.32%
EPIRB	Model 37	0.96%	1.13%	1.03%	0.53%	1.14%
EPIRB	Model 19	1.40%	1.22%	1.13%	1.45%	1.14%
EPIRB	Model 15	1.36%	1.65%	1.08%	1.11%	1.13%
EPIRB	Model 34	1.50%	1.55%	1.06%	1.32%	1.11%
EPIRB	Model 9	3.38%	0.78%	1.03%	0.53%	1.08%
EPIRB	Model 79					0.99%
PLB	Model 42	0.51%	0.40%	1.40%	1.12%	0.95%
EPIRB	Model 11	1.95%	1.29%	0.96%	0.86%	0.91%
EPIRB	Model 32	2.15%	2.15%	1.49%	0.89%	0.90%



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False Alert Rate = False Alerts / Estimated Beacon Population By Manufacturer and Model

Beacon Type	Model Number	2005	2006	2007	2008	2009
PLB	Model 46	0.32%	0.31%	0.35%	0.18%	0.83%
EPIRB	Model 17	1.25%	1.60%	0.79%	0.65%	0.79%
EPIRB	Model 20	1.00%	0.76%	0.70%	0.76%	0.78%
EPIRB	Model 36	1.14%	0.54%	2.52%	2.50%	0.76%
EPIRB	Model 60			0.31%	0.42%	0.62%
EPIRB	Model 16	1.91%	1.11%	0.44%	0.42%	0.59%
PLB	Model 58			0.28%	0.13%	0.58%
EPIRB	Model 28	0.98%	0.48%	0.59%	0.64%	0.57%
ELT	Model 48	0.11%	0.00%	0.12%	0.24%	0.51%
ELT	Model 39	0.55%	0.45%	0.49%	0.40%	0.48%
EPIRB	Model 25	0.30%	0.30%	0.97%	0.62%	0.47%
ELT	Model 67				0.00%	0.46%
EPIRB	Model 22	1.61%	1.07%	0.42%	0.22%	0.45%
PLB	Model 12	0.49%	1.25%	1.18%	0.20%	0.43%
PLB	Model 41	0.51%	0.23%	0.55%	0.26%	0.42%
ELT	Model 50		0.12%	0.27%	0.39%	0.35%
EPIRB	Model 23	1.67%	0.36%	0.47%	0.37%	0.25%
ELT	Model 52		0.68%	0.16%	0.27%	0.23%
EPIRB	Model 18	1.09%	1.00%	0.36%	1.10%	0.16%
ELT	Model 40	0.54%	0.38%	0.24%	0.13%	0.14%
PLB	Model 80					0.14%
EPIRB	Model 62			0.00%	0.00%	0.12%
PLB	Model 81					0.10%
EPIRB	Model 29	0.10%	0.11%	0.10%	0.07%	0.10%
PLB	Model 71				0.00%	0.10%
EPIRB	Model 66				0.00%	0.08%
PLB	Model 63			0.00%	0.05%	0.05%
PLB	Model 47	0.14%	0.00%	0.09%	0.05%	0.00%
EPIRB	Model 38	0.75%	0.00%	0.00%	0.00%	0.00%
EPIRB/ELT	Model 16					0.00%
EPIRB	Model 49	0.00%	0.18%	0.00%	0.00%	0.00%
PLB	Model 45	0.41%	1.31%	0.00%	0.00%	0.00%
EPIRB	Model 14	0.00%	1.64%	0.00%	1.69%	0.00%
PLB	Model 57		0.00%	0.60%	0.38%	0.00%
PLB	Model 56		0.00%	0.00%	0.37%	0.00%
PLB	Model 72				0.00%	0.00%
EPIRB	Model 44	0.45%	0.90%	0.00%	0.00%	0.00%
EPIRB	Model 59			0.00%	1.47%	0.00%
EPIRB/PLB	Model 11					0.00%
PLB	Model 35	1.20%	0.65%	0.00%	0.00%	0.00%
EPIRB	Model 43	0.47%	1.42%	1.29%	0.43%	0.00%