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> DA 09-664 March 24, 2009

#### WIRELESS TELECOMMUNICATIONS BUREAU ACTION

# WIRELESS TELECOMMUNICATIONS BUREAU RELEASES COMMERCIAL OPERATOR LICENSE EXAMINATION (COLE) QUARTERLY STATISTICAL REPORTS AND ANNUAL FINANCIAL REPORTS FOR 2004-2008

By this action, the Wireless Telecommunications Bureau's Mobility Division<sup>1</sup> releases the 2004-2008 Quarterly COLE Statistical Reports (Statistical Reports) and the 2004-2008 Annual COLE Financial Reports. On January 14, 1993, the Federal Communications Commission (FCC) privatized the examination of applicants for commercial radio operator licenses, and subsequently authorized COLE managers to prepare and administer commercial radio operator license examinations that must be passed by persons in order to be eligible to obtain certain FCC licenses. *See* 47 C.F.R. § 13.209.

The COLE manager system was created to meet the demands of applicants for frequent examination opportunities at convenient locations and of industry for examinations that reflect state of the art technology and contemporary operating conditions. Each COLE manager is authorized to administer examinations nationwide and, in some instances, at foreign

<sup>&</sup>lt;sup>1</sup> Pursuant to a Commission reorganization effective September 25, 2006, certain duties of the Public Safety and Private Wireless Division were assumed by the Mobility Division. *See* Establishment of the Public Safety and Homeland Security Bureau, *Order*, 21 FCC Rcd 10867 (2006).

sites, and is required to provide a quarterly report to the FCC on the results of the examinations administered.

The Statistical Reports summarize information received from each of the nine COLE managers authorized by the Commission to administer commercial operator examinations. A list of the current COLE managers is attached as Appendix A. (This information is also available on the FCC Commercial Radio Operator website at http://wireless.fcc.gov/commoperators/index.htm?job=cole.) The Statistical Reports show that 13,386 examinations were administered to 7,995 individuals in 2004, 11,877 examinations were administered to 7,287 individuals in 2005, 12,593 examinations were administered to 7,388 individuals in 2006, 12,178 examinations were administered to 7,045 individuals in 2007, and 12,627 examinations were issued to 7,232 individuals in 2008. A composite statistical profile and individual statistical profiles for each COLE manager, based on data submitted in their submissions, is attached as Appendix B.<sup>2</sup>

The 2004-2008 Annual COLE Financial Reports indicate that examinations administered by COLE managers generated \$404,898.85 in revenue in 2004, \$383,783.00 in revenue in 2005, \$391,480.45 in revenue in 2006, \$392,453.90 in revenue in 2007, and \$396,802.00 in revenue in 2008; with examinations prepared and administered at a cost of \$419,237.00 in 2004, \$391,677.00 in 2005, \$406,693.14 in 2006, \$401,709.39 in 2007, and \$409,497.23 in 2008. COLE managers thus operated with an overall net loss of \$14,438.15 in 2004, an overall net loss of \$7,884.00 in 2005, an overall net loss of \$15,212.69 in 2006, an overall net loss of \$9,255.49 in 2007, and an overall net loss of \$12,695.23 in 2008. A composite analysis indicating the revenues and costs of COLE managers associated with preparing and administering the examinations is attached as Appendix C.

Questions regarding this public notice may be directed to Mr. Scot Stone, Mobility Division, Wireless Telecommunications Bureau at (202) 418-0638, Scot.Stone@fcc.gov.

Action by the Deputy Chief, Mobility Division, Wireless Telecommunications Bureau.

- FCC -

<sup>&</sup>lt;sup>2</sup> Due to space limitations, Appendices B and C set forth data only from the years 2004-2008. Data from earlier years can be found in prior public notices. *See*, *e.g.*, Wireless Telecommunications Bureau Releases Commercial Operator License Examination (COLE) Quarterly Statistical Reports and Annual Financial Report for 2002 & 2003, *Public Notice*, 19 FCC Rcd 22471 (WTB PSCID 2004).

## Appendix A

## Commercial Operator License Examination (COLE) Managers

#### **BFT Training Unlimited**

P. O. Box 2677, Santa Rosa, CA 95405 Contact: J. David Byrd (800) 821-0906 or (707) 792-5678, info@elkinstraining.com.

#### **Electronic Technicians Association International, Inc.**

5 Depot Street, Greencastle, IN 46135 Contact: Teresa Maher (800) 288-3824 or (765) 653-4301, eta@eta-i.org.

#### Elkins International, Inc.

P. O. Box 797666, Dallas, TX 75379 Contact: Laura Elkins (888) 621-8876, elkins@eitn.com.

#### **International Society of Certified Electronics Technicians**

3608 Pershing Avenue, Fort Worth, TX 76107-4527 Contact: Ed Clingman (817) 921-9101, ed@iscet.org.

#### LaserGrade Computer Testing, Inc.

16821 SE McGillivray, Suite 201, Vancouver, WA 98683 Contact: Linda Small (800) 211-2753 or (360) 859-1277, linda.small@lasergrade.com.

#### **Marine Technical Institute**

1915 S. Andrews Avenue, Fort Lauderdale, FL 33316 Contact: Jack Krantz (954) 525-1014, info@MPTUSA.com.

#### International Association of Radio, Telecommunications and Electromagnetics

840 Queen St., New Bern, NC 28560 Contact: Brian Lawrence (800) 89-NARTE or (252) 672-0200, lawrence@inarte.us.

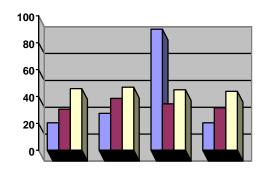
#### **National Radio Examiners**

P. O. Box 565206, Dallas, TX 75356-5206 Contact: Larry Pollock (817) 860-3800, colem@radioexaminers.com.

#### **Sea School**

8440 4<sup>th</sup> Street, N., St. Petersburg, FL 33702 Contact: Mary Foster (800) 237-8863, hqstaff@seaschool.com.

# Commercial Operator Livense Examinations and Incommercial Operator Livense Examinations



## **Quarterly Public Service Statistical Reports**

(2004 - 2008)

(Appendix B)

## **Quarterly Public Service Activity Report**

-Acronyms, Terminologies, and Explanations-

**COLE:** Commercial Operator License Examination

**QPSAR:** Quarterly Public Service Activity Report

Sessions: The number of times within a quarter exams are administered by a COLE manager.

The four statistical reporting periods for COLE managers are:

1<sup>st</sup> Quarter: January – March (The 1<sup>st</sup> QPSAR is due April 15)
2<sup>nd</sup> Quarter: April – June (The 2<sup>nd</sup> QPSAR is due July 15)
3<sup>rd</sup> Quarter: July – September (The 3<sup>rd</sup> QPSAR is due October 15)

4<sup>th</sup> Quarter: October – December (The 4<sup>th</sup> QPSAR is due January 15)

All reports should be filed with:

Mobility Division, Wireless Telecommunications Bureau, FCC, Washington, D.C. 20554

Commercial Opera	ator		2004	2005	2006	2007	2008	TOTAL
License Examinati	on	Examinees	7,995	7,287	7,388	7,045	7,232	36,947
(COLE) Managers	'	Written Element 1	6338	5643	6041	5992	6134	30,148
<b>Quarterly Publ</b>	lic Service	Passed	6059	5326	5790	5744	5940	28,859
Activity Repor	t (QPSAR)	Rate	96%	94%	96%	96%	97%	96%
<b>Summary Pag</b>	е	Written Element 3	3861	3391	3227	3060	3152	16,691
, ,		Passed	3331	3039	2810	2634	2981	14,795
		Rate	86%	90%	87%	86%	95%	89%
	No. of	Written Element 5	50	37	25	19	21	152
2004	Sessions	Passed	45	34	22	18	20	139
1st Quarter	991	Rate	90%	92%	88%	95%	95%	91%
2nd Quarter	1,101	Written Element 6	46	33	21	18	16	134
3rd Quarter	802	Passed	42	31	21	17	14	125
4th Quarter	814	Rate	91%	94%	100%	94%	88%	93%
TOTAL	3,708	Written Element 7	743	590	1137	1094	1185	4,749
		Passed	636	516	1031	995	967	4,145
2005		Rate	86%	87%	91%	91%	82%	87%
1st Quarter	936	Written Element 7R	0	5	0	2	3	9
2nd Quarter	1,005	Passed	0	5	0	2	3	9
3rd Quarter	634	Rate	n/a	100%	n/a	100%	100%	100%
4th Quarter	699	Written Element 8	2158	1984	1960	1838	1949	9,889
TOTAL	3,274	Passed	2066	1906	1842	1738	1854	9,406
		Rate	96%	96%	94%	95%	95%	95%
2006		Written Element 9	176	183	144	135	158	796
1st Quarter	956	Passed	160	169	133	125	149	736
2nd Quarter	999	Rate	91%	92%	92%	93%	94%	92%
3rd Quarter	736	Telegraphy El 1	5	7	15	9	3	39
4th Quarter	839	Passed	4	5	6	7	3	25
TOTAL	3,530	Rate	80%	71%	40%	78%	100%	64%
		Telegraphy El 2	7	9	16	11	6	49
2007		Passed	5	6	9	9	6	35
1st Quarter	356	Rate	71%	67%	56%	82%	100%	71%
2nd Quarter	889	Telegraphy El 3	1	0	4	3	0	8
3rd Quarter	800	Passed	1	0	4	3	0	8
4th Quarter	924	Rate	100%	n/a	100%	100%	n/a	100%
TOTAL	2,969	Telegraphy El 4	1	0	3	2	0	6
		Passed	1	0	3	2	0	6
2008		Rate	100%	n/a	100%	100%	n/a	100%
1st Quarter	824							
2nd Quarter	945							
3rd Quarter	747							
4th Quarter	846							
TOTAL	3,362							
	40.040							
TOTAL 2004-08	16,843							

BFT Training U	Unlimited, Inc.		2004	2005	2006	2007	2008	TOTAL
		Examinees	1248	1205	1162	1333	1269	6217
		Written Element 1	1013	936	919	934	917	4719
		Passed	1009	921	887	911	901	4629
	No. of	Rate	100%	98%	97%	98%	98%	98%
2004	Sessions	Written Element 3	744	661	621	563	558	3147
1st Quarter	70	Passed	698	641	600	540	542	3021
2nd Quarter	104	Rate	94%	97%	97%	96%	97%	96%
3rd Quarter	101	Written Element 5	18	14	8	4	3	47
4th Quarter	49	Passed	16	14	8	4	3	45
TOTAL	324	Rate	89%	100%	100%	100%	100%	96%
		Written Element 6	16	14	7	5	3	45 44
2005		Passed	15	14	7	5	3	44
1st Quarter	78	Rate	94%	100%	100%	100%	100%	98%
2nd Quarter	71	Written Element 7	90	129	120	119	121	579
3rd Quarter	57	Passed	86	126	110	107	110	539
4th Quarter	63	Rate	96%	98%	92%	90%	91%	93%
TOTAL	269	Written Element 8	450	272	469	398	431	2020
		Passed	441	271	463	389	424	1988
2006		Rate	98%	100%	99%	98%	98%	98%
1st Quarter	75	Written Element 9	34	25	16	22	12	109
2nd Quarter	64	Passed	34	25	16	22	12	109
3rd Quarter	61	Rate	100%	100%	100%	100%	100%	100%
4th Quarter	58	Telegraphy El 1	12	7	12	4	0	35 24
TOTAL	258	Passed	12	5	4	3	0	24
		Rate	100%	71%	33%	75%	n/a	69%
2007		Telegraphy El 2	12	6	10	4	0	32 23
1st Quarter	61	Passed	12	5	4	2	0	23
2nd Quarter	99	Rate	100%	83%	40%	50%	n/a	72%
3rd Quarter	69	Telegraphy El 3	0	0	1	2	0	3
4th Quarter	69	Passed	0	0	1	2	0	3
TOTAL	298	Rate	n/a	n/a	100%	100%	n/a	100%
		Telegraphy El 4	0	0	0	2	0	2
2008		Passed	0	0	0	2	0	2
1st Quarter	81	Rate	n/a	n/a	n/a	100%	n/a	100%
2nd Quarter	82							
3rd Quarter	55							
4th Quarter	71							
TOTAL	289							
TOTAL 2004-08	1,438							

Elkins International, Inc.		2004	2005	2006	2007	2008	TOTAL
	Examinees	941	804	919	1082	1026	4772
	Written Element 1	803	683	791	1008	873	4158
	Passed	793	672	774	994	857	4090
No. of	Rate	99%	98%	98%	97%	98%	98%
2004 Sessions	Written Element 3	235	238	266	428	295	1462
1st Quarter 85	Passed	217	223	234	416	283	1373
2nd Quarter 82	Rate	92%	94%	88%	97%	96%	94%
3rd Quarter 52	Written Element 5	0	1	0	0	0	•
4th Quarter 58	Passed	0	1	0	0	0	•
TOTAL 277	Rate	n/a	100%	n/a	n/a	n/a	100%
	Written Element 6	0	1	0	0	1	2
2005	Passed	0	1	0	0	1	2
1st Quarter 59	Rate	n/a	100%	n/a	n/a	100	100%
2nd Quarter 82	Written Element 7	131	119	188	178	193	808
3rd Quarter 54	Passed	105	95	132	147	156	635
4th Quarter 45	Rate	80%	80%	70%	83%	81%	78%
TOTAL 240	Written Element 8	131	194	222	360	212	1119
	Passed	126	182	211	354	207	1080
2006	Rate	96%	94%	95%	98%	98%	97%
1st Quarter 55	Written Element 9	6	8	5	7	4	30
2nd Quarter 86	Passed	6	5	5	7	4	27
3rd Quarter 51	Rate	100%	63%	100%	100%	100%	90%
4th Quarter 56	Telegraphy El 1						
TOTAL 248	Passed						
	Rate						
2007	Telegraphy El 2						
1st Quarter 86	Passed						
2nd Quarter 97	Rate						
3rd Quarter 71	Telegraphy El 3						
4th Quarter 78	Passed						
TOTAL 332	Rate						
	Telegraphy El 4						
2008	Passed						
1st Quarter 88	Rate						
2nd Quarter 91							
3rd Quarter 81							
4th Quarter 59							
TOTAL 319							
TOTAL 2004-08 1,416							
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Electronic Technicians			2004	2005	2006	2007	2008	TOTAL
Association, Internationa	al, Inc.	Examinees	816	558	691	740	785	3590
		Written Element 1	672	514	665	670	685	3206
		Passed	551	459	604	616	642	2872
		Rate	82%	89%	91%	92%	94%	90%
No. of		Written Element 3	297	288	387	313	438	1723
2004 Sessions		Passed	251	246	345	258	387	1487
1st Quarter 116		Rate	85%	85%	89%	82%	88%	86%
2nd Quarter 89		Written Element 5	3	2	5	3	3	16
3rd Quarter 92		Passed	3	2	5	2	3	15
4th Quarter 93		Rate	100%	100%	100%	67%	100%	94%
<i>TOTAL</i> 390		Written Element 6	3	2	4	2	2	13
		Passed	3	2	4	1	2	12
2005		Rate	100%	100%	100%	50%	100%	92%
1st Quarter 94		Written Element 7	150	23	82	86	84	425
2nd Quarter 109		Passed	148	23	80	85	81	417
3rd Quarter 80		Rate	99%	100%	98%	99%	96%	98%
4th Quarter 75		Written Element 7R	0	0	0	1	1	2
<i>TOTAL</i> 358		Passed	0	0	0	1	1	2
		Rate	n/a	n/a	n/a	100%	100%	100%
2006		Written Element 8	110	136	184	135	293	858
1st Quarter 104		Passed	106	130	181	124	276	817
2nd Quarter 124		Rate	96%	96%	98%	92%	94%	95%
3rd Quarter 102		Written Element 9	20	22	12	19	39	112
4th Quarter 92		Passed	20	21	11	14	35	101
TOTAL 422		Rate	100%	95%	92%	74%	90%	90%
		Telegraphy El 1	2	0	1	0	2	Ę
2007		Passed	2	0	1	0	2	Ę
1st Quarter 103		Rate	100%	n/a	100%	n/a	100%	100%
2nd Quarter 111		Telegraphy El 2	2	0	1	0	2	Ę
3rd Quarter 119		Passed	2	0	1	0	2	Ę
4th Quarter 112		Rate	100%	n/a	100%	n/a	100%	100%
<i>TOTAL</i> 445		Telegraphy El 3	1	0	3	0	0	4
		Passed	1	0	3	0	0	4
2008		Rate	100%	n/a	100%	n/a	n/a	100%
1st Quarter 84		Telegraphy El 4	1	0	3	0	0	4
2nd Quarter 120		Passed	1	0	3	0	0	4
3rd Quarter 100		Rate	100%	n/a	100%	n/a	n/a	100%
4th Quarter 107								
TOTAL 411								
TOTAL 2004 00 2 000								
TOTAL 2004-08 2,026								
	1							

International So				2004	2005	2006	2007	2008	TOTAL
Certified Electro	onic Techni	icians	Examinees	297	297	363	262	321	1540
			Written Element 1	260	273	271	173	208	1185
			Passed	222	227	239	151	188	1027
			Rate	85%	83%	88%	87%	90%	87%
	No. of		Written Element 3	260	206	268	163	210	1107
2004	Sessions		Passed	196	145	199	112	140	792
1st Quarter	13		Rate	75%	70%	74%	69%	67%	72%
2nd Quarter	17		Written Element 5	0	0	0	1	2	3
3rd Quarter	8		Passed	0	0	0	1	1	2
4th Quarter	11		Rate	n/a	n/a	n/a	100%	50%	67%
TOTAL	49		Written Element 6	0	0	0	2	1	3
			Passed	0	0	0	2	1	
2005			Rate	n/a	n/a	n/a	100%	100%	100%
1st Quarter	17		Written Element 7	3	17	3	5	6	34
2nd Quarter	28		Passed	2	15	3	5	6	31
3rd Quarter	11		Rate	67%	88%	100%	100%	100%	91%
4th Quarter	16		Written Element 8	61	39	38	30	36	204
TOTAL	72		Passed	54	34	36	27	29	180
			Rate	89%	87%	95%	90%	81%	88%
2006			Written Element 9	7	20	10	7	7	51
1st Quarter	14		Passed	7	18	10	7	7	49
2nd Quarter	21		Rate	100%	90%	100%	100%	100%	96%
3rd Quarter	14		Telegraphy El 1						
4th Quarter	21		Passed						
TOTAL	70		Rate						
			Telegraphy El 2						
2007			Passed						
1st Quarter	28		Rate						
2nd Quarter	17		Telegraphy El 3						
3rd Quarter	20		Passed						
4th Quarter	12		Rate						
TOTAL	77		Telegraphy El 4						
			Passed						
2008			Rate						
1st Quarter	13								
2nd Quarter	19								
3rd Quarter	11								
4th Quarter	20								
TOTAL	63								
TOTAL 2004-08	331								

International A	Association of		2004	2005	2006	2007	2008	TOTAL
Radio, Telecoi	mmunications and	Examinees	847	755	1086	454	535	3677
Electromagne	tics	Written Element 1	626	599	603	374	493	2695
		Passed	582	566	552	289	451	2440
		Rate	93%	94%	92%	77%	91%	91%
		Written Element 3	455	403	444	318	349	1969
	No. of	Passed	335	309	310	212	245	1411
2004	Sessions	Rate	74%	77%	70%	67%	70%	72%
1st Quarter	128	Written Element 5	4	8	4	2	2	20
2nd Quarter	158	Passed	2	6	1	2	2	13
3rd Quarter	118	Rate	50%	75%	25%	100%	100%	65%
4th Quarter	89	Written Element 6	4	7	1	2	2	16
TOTAL	493	Passed	2	6	1	2	2	1;
		Rate	50%	84%	100%	100%	100%	81%
2005		Written Element 7	84	70	84	96	67	40
1st Quarter	111	Passed	71	59	67	72	51	320
2nd Quarter	146	Rate	85%	84%	80%	75%	76%	80%
3rd Quarter	107	Written Element 8	164	180	212	108	153	81
4th Quarter	99	Passed	116	135	126	60	108	54
TOTAL	463	Rate	71%	75%	59%	56%	71%	67%
		Written Element 9	31	32	22	15	31	13
2006		Passed	27	27	15	10	27	100
1st Quarter	95	Rate	87%	84%	68%	67%	87%	81%
2nd Quarter	112	Telegraphy El 1						
3rd Quarter	99	Passed						
4th Quarter	81	Rate						
TOTAL	387	Telegraphy El 2						
		Passed						
2007		Rate						
1st Quarter	65	Telegraphy El 3						
2nd Quarter	10	Passed						
3rd Quarter	72	Rate						
4th Quarter	68	Telegraphy El 4						
TOTAL	215	Passed						
		Rate						
2008								
1st Quarter	60							
2nd Quarter	79							
3rd Quarter	67							
4th Quarter	76							
TOTAL	282							
TOTAL 2004-08	1,840							
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National Radio	)		2004	2005	2006	2007	2008	TOTAL
Examiners		Examinees	2132	2051	1721	1650	1763	9317
		Written Element 1	1447	1363	1518	1513	1589	7430
		Passed	1414	1236	1504	1484	1560	7198
		Rate	98%	91%	99%	98%	98%	97%
	No. of	Written Element 3	1339	1216	928	884	972	5339
2004	Sessions	Passed	1224	1148	872	818	890	4952
1st Quarter	122	Rate	91%	94%	94%	93%	92%	93%
2nd Quarter	110	Written Element 5	19	9	4	7	9	48
3rd Quarter	101	Passed	18	9	4	7	9	47
4th Quarter	102	Rate	95%	100%	100%	100%	100%	98%
TOTAL	435	Written Element 6	18	8	6	7	5	44
		Passed	17	7	6	7	3	40
2005		Rate	94%	88%	100%	100%	60%	91%
1st Quarter	132	Written Element 7	188	124	562	494	627	1995
2nd Quarter	102	Passed	134	97	545	479	581	1836
3rd Quarter	107	Rate	71%	78%	97%	97%	93%	92%
4th Quarter	97	Written Element 7R	0	4	0	1	2	7
TOTAL	438	Passed	0	4	0	1	2	7
		Rate	n/a	100%	n/a	100%	100%	100%
2006		Written Element 8	996	963	700	671	676	4006
1st Quarter	92	Passed	987	957	692	663	671	3970
2nd Quarter	92	Rate	99%	99%	99%	99%	99%	99%
3rd Quarter	98	Written Element 9	52	42	54	42	38	228
4th Quarter	99	Passed	50	41	52	42	38	223
TOTAL	381	Rate	96%	98%	96%	100%	100%	98%
		Telegraphy El 1	3	0	2	5	1	11
2007		Passed	2	0	1	4	1	8
1st Quarter	88	Rate	67%	n/a	50%	80%	100%	73%
2nd Quarter	129	Telegraphy El 2	5	3	5	7	4	24
3rd Quarter	114	Passed	3	1	4	7	4	24 19
4th Quarter	125	Rate	60%	33%	80%	100%	100%	79%
TOTAL	456	Telegraphy El 3	0	0	0	1	0	1
		Passed	0	0	0	1	0	1
2008		Rate	n/a	n/a	n/a	100%	n/a	100%
1st Quarter	121	Telegraphy El 4						
2nd Quarter	141	Passed						
3rd Quarter	104	Rate						
4th Quarter	109							
TOTAL	475							
TOTAL 2004-08	2.185							

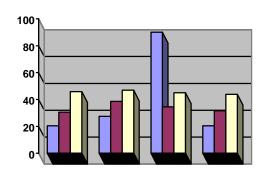
Sea School			2004	2005	2006	2007	2008	TOTAL
		Examinees	811	785	810	746	812	3964
		Written Element 1	774	706	764	692	751	3687
		Passed	768	700	744	687	738	3637
	No. of	Rate	99%	99%	97%	99%	98%	99%
2004	Sessions	Written Element 3	104	100	91	65	83	443
1st Quarter	240	Passed	98	93	88	62	82	423
2nd Quarter	324	Rate	94%	93%	97%	95%	99%	95%
3rd Quarter	142	Written Element 5	1	0	2	1	0	4
4th Quarter	221	Passed	1	0	2	1	0	4
TOTAL	927	Rate	100%	n/a	100%	100%	n/a	100%
		Written Element 6	1	0	1	0	0	2
2005		Passed	1	0	1	0	0	2
1st Quarter	263	Rate	100%	n/a	100%	n/a	n/a	100%
2nd Quarter	299	Written Element 7	5	22	20	12	7	66
3rd Quarter	145	Passed	5	18	19	10	7	59
4th Quarter	178	Rate	100%	82%	95%	83%	100%	89%
TOTAL	885	Written Element 7R	0	1	0	0	0	1
		Passed	0	1	0	0	0	1
2006		Rate	n/a	100%	n/a	n/a	n/a	100%
1st Quarter	155	Written Element 8	36	45	38	25	41	185
2nd Quarter	347	Passed	36	45	38	25	41	185
3rd Quarter	181	Rate	100%	100%	100%	100%	100%	100%
4th Quarter	247	Written Element 9	6	12	14	6	3	41
TOTAL	930	Passed	5	11	14	6	3	39
		Rate	83%	92%	100%	100%	100%	95%
2007		Telegraphy El 1						
1st Quarter	221	Passed						
2nd Quarter	219	Rate						
3rd Quarter	151	Telegraphy El 2						
4th Quarter	208	Passed						
TOTAL	799	Rate						
		Telegraphy El 3						
2008		Passed						
1st Quarter	202	Rate						
2nd Quarter	258	Telegraphy El 4						
3rd Quarter	177	Passed						
4th Quarter	230	Rate						
TOTAL	867							
TOTAL 2004-08	4,408							

LaserGrade Co	omputer Testing, Inc.		2004	2005	2006	2007	2008	TOTAL
		Examinees	601	563	406	499	458	2527
		Written Element 1	470	338	311	363	379	1861
		Passed	450	316	287	347	366	1766
	No. of	Rate	96%	93%	92%	96%	97%	95%
2004	Sessions	Written Element 3	419	273	221	315	238	1466
1st Quarter	201	Passed	304	221	161	205	175	1066
2nd Quarter	203	Rate	73%	81%	73%	65%	74%	73%
3rd Quarter	171	Written Element 5	4	3	2	1	2	12
4th Quarter	174	Passed	4	2	2	1	2	11
TOTAL	749	Rate	100%	67%	100%	100%	100%	92%
		Written Element 6	3	1	2	0	2	8
2005		Passed	3	1	2	0	2	8
1st Quarter	162	Rate	100%	100%	100%	n/a	100	100%
2nd Quarter	149	Written Element 7	19	19	11	13	8	70
3rd Quarter	147	Passed	15	18	8	10	10	61
4th Quarter	108	Rate	79%	95%	73%	77%	80%	87%
TOTAL	566	Written Element 8	204	142	96	106	105	653
		Passed	194	140	94	96	96	620
2006		Rate	95%	99%	98%	91%	91%	95%
1st Quarter	96	Written Element 9	16	15	11	14	19	75 72
2nd Quarter	143	Passed	16	14	9	14	19	72
3rd Quarter	120	Rate	100%	93%	82%	100%	100%	96%
4th Quarter	174	Telegraphy El 1						
TOTAL	533	Passed						
		Rate						
2007		Telegraphy El 2						
1st Quarter	164	Passed						
2nd Quarter	196	Rate						
3rd Quarter	174	Telegraphy El 3						
4th Quarter	242	Passed						
TOTAL	776	Rate						
		Telegraphy El 4						
2008		Passed						
1st Quarter	163	Rate						
2nd Quarter	145							
3rd Quarter	143							
4th Quarter	163							
TOTAL	614							
TOTAL 2004-08	3,238							

Marine Technical Institute		2004	2005	2006	2007	2008	TOTAL
No. of	Examinees	302	269	230	279	263	1343
2004 Sessions	Written Element 1	273	231	199	265	239	1207
1st Quarter 16	Passed	270	229	199	265	237	1200
2nd Quarter 14	Rate	99%	99%	100%	100%	99%	99%
3rd Quarter 17	Written Element 3	8	16	1	11	9	45
4th Quarter 17	Passed	8	13	1	11	7	40
TOTAL 64	Rate	100%	81%	100%	100%	78%	89%
2005	Written Element 5	1	0	0	0	0	1
1st Quarter 20	Passed	1	0	0	0	0	1
2nd Quarter 19	Rate	100%	n/a	n/a	n/a	n/a	100%
3rd Quarter 16	Written Element 6	1	0	0	0	0	1
4th Quarter 18	Passed	1	0	0	0	0	1
TOTAL 73	Rate	100%	n/a	n/a	n/a	n/a	100%
2006	Written Element 7	73	67	67	91	72	370
1st Quarter 12	Passed	70	65	67	80	72	354
2nd Quarter 10	Rate	96%	97%	100%	99%	100%	96%
3rd Quarter 10	Written Element 8	6	13	1	5	2	27
4th Quarter 11	Passed	6	12	1	5	2	26
TOTAL 43	Rate	100%	92%	100%	100%	100%	96%
2007	Written Element 9	4	7	1	3	4	19
1st Quarter 13	Passed	4	7	1	3	4	19
2nd Quarter 11	Rate	100%	100%	100%	100%	100%	100%
3rd Quarter 10	Telegraphy El 1						
4th Quarter 10	Passed						
TOTAL 44	Rate						
2008	Telegraphy El 2						
1st Quarter 12	Passed						
2nd Quarter 10	Rate						
3rd Quarter 9	Telegraphy El 3						
4th Quarter 11	Passed						
TOTAL 42	Rate						
	Telegraphy El 4						
TOTAL 2004-08 266	Passed						
	Rate						

## Appendix C

# Commercial Operator License Examinations and in the Commercial Operator License Examination and in the Commercial Operator License Examination and the Commercial Operator License



**Annual Financial Reports** 

- 2004-2008 -

### **Annual Financial Report**

### -Acronyms, Terminologies and Explanations-

The Commercial Operator License Examinations (COLE) Annual Financial Report provides a composite analysis of the costs incurred by COLE managers in preparing and administering the examinations, as well as the cost to examinees.

The "reporting period" for the COLE Annual Financial Report is January 1 through December 31. The Annual Financial Report from each COLE manager must be submitted to the Mobility Division of the Federal Communications Commission's Wireless Telecommunications Bureau.

For purposes of this Annual Financial Report, the subheadings are defined as follows:

**Revenue:** The funds, per COLE manager, accumulated during the reporting period.

**Expenses:** The costs, per COLE manager, associated with preparing and administering the examinations reported during the reporting period.

<u>Rev-Exp</u> (Revenue minus expenses) generally indicates the amount of profit a COLE manager clears during the reporting period. Amounts shown in this column that appear in parenthesis indicate that the COLE manager operated at a loss during the reporting period due to expenses exceeding revenue.

**Examinees:** Total number of persons examined during the reporting period.

All reports should be filed with:

Mobility Division, Wireless Telecommunications Bureau, FCC, Washington, D.C. 20554

#### Annual COLE Manager Financial Report

Commercial Operator License I	Examination (Co	OLE) Managers											
2004-2007	,	,											
Annual Financial Report													
	2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	200
COLE MANAGER	REVENUE	EXPENSES	REV-EXP*	REVENUE	EXPENSES	REV-EXP*	REVENUE	EXPENSES	REV-EXP*	REVENUE	EXPENSES	REV-EXP*	REVE
BFT Training Unlimited, Inc.													
Total	\$96,108.00	\$92,882.00	\$3,226.00	\$102,008.00	\$95,396.00	\$6,612.00	\$98,743.00	\$93,008.00	\$5,735.00	\$111,579.00	\$101,953.00	\$9,626.00	\$105,99
Examinees	1,248			1,205			1,162			1,333			1,26
per examinee	\$77.01	\$74.42	\$2.58	\$84.65	\$79.17	\$5.49	\$84.98	\$80.04	\$4.94	\$83.71	\$76.48	\$7.22	\$83.5
National Radio Examiners													
Total	\$65,890.00	\$67,569.00	(\$1,679.00)	\$63,970.00	\$62,194.00	\$1,776.00	\$53,929.00	\$52,325.00	\$1,604.00	\$52,175.00	\$50,075.00	\$2,100.00	\$51,650
Examinees	2,132	ψ07,303.00	(ψ1,013.00)	2,051	ψ02,134.00	\$1,770.00	1,721	ψ32,323.00	ψ1,004.00	1,650	ψ30,073.00	Ψ2,100.00	1,76
per examinee	\$30.91	\$31.69	(\$0.79)	\$31.19	\$30.32	\$0.87	\$31.34	\$30.40	\$0.93	\$31.62	\$30.35	\$1.27	\$29.3
			,,,,,										
Elkins International, Inc.													
Total	\$46,975.00	\$50,811.00	(\$3,836.00)	\$44,100.00	\$47,844.00	(\$3,744.00)	\$49,774.00	\$52,947.00	(\$3,173.00)	\$54,250.00	\$55,179.00	(\$929.00)	\$53,72
Examinees	941			804			919			1,082			1,02
per examinee	\$49.92	\$54.00	(\$0.89)	\$54.85	\$59.51	(\$4.66)	\$54.16	\$57.61	(\$3.45)	\$50.14	\$51.00	(\$0.86)	\$52.3
Electronics Technicians	-							l					
Association, International, Inc.													
Total	\$38,179.85	\$45,400.00	(\$7.220.15)	\$31,485.00	\$46,900.00	(\$15,415.00)	\$42,132.00	\$55,945.00	(\$13.813.00)	\$42,648.00	\$58,960,00	(\$16.312.00)	\$43,829
Examinees	816	ψ10,100.00	(\$7,220.10)	558	ψ10,000.00	(\$10,110.00)	691	\$00,010.00	(\$10,010.00)	740	400,000.00	(\$10,012.00)	785
per examinee	\$46.79	\$55.64	(\$8.85)	\$56.42	\$84.05	(\$27.63)	\$60.97	\$80.96	(\$19.99)	\$57.63	\$79.68	(\$22.04)	\$55.8
International Association of													
Radio ,Telecommunications and													
Electromagnetics Total	\$34.861.00	\$53,601,00	(\$18.740.00)	\$38.877.00	\$50,410,00	(\$11.533.00)	\$44.469.95	\$56,679,46	(\$12,209,51)	\$33,979.90	\$50.898.30	(\$16.918.40)	\$37.23
Examinees	847	φ55,001.00	(\$10,740.00)	755	\$30,410.00	(\$11,555.00)	1,086	\$30,079.40	(\$12,209.31)	454	\$30,056.30	(\$10,516.40)	537
per examinee	\$41.16	\$63.28	(\$22.16)	\$50.82	\$65.90	(\$15.08)	\$40.94	\$52.19	(\$11.24)	\$74.85	\$112.11	(\$37.27)	\$69.3
			, ,			,,,,,,						, ,	
Sea School													
Total	\$37,775.00	\$35,657.00	\$2,118.00	\$38,670.00	\$34,030.00	\$4,640.00	\$43,279.00	\$38,085.52	\$5,193.48	\$38,060.00	\$33,492.80	\$4,567.20	\$40,68
Examinees	811			785			810			746			812
per examinee	\$46.58	\$43.97	\$2.61	\$49.26	\$43.35	\$5.91	\$53.43	\$47.02	\$6.41	\$51.02	\$44.90	\$6.12	\$50.1
International Society of													
Certified Electronic Technicians													
Total	\$17,105.00	\$19,322.00	(\$2,317.00)	\$20,165.00	\$17,113.00	\$3,052.00	\$20,337.50	\$21,265.16	(\$927.66)	\$13,840.00	\$12,413.79	\$1,426.21	\$16,01
Examinees	297	ψ10,022.00	(\$2,011.00)	297	<b>\$11,110.00</b>	ψ0,002.00	363	\$21,200.10	(\$027.00)	262	ψ12,110.10	ψ1,120.21	321
per examinee	\$57.59	\$65.06	(\$7.80)	\$67.90	\$57.62	\$10.28	\$56.03	\$58.58	(\$2.56)	\$52.82	\$47.38	\$5.44	\$49.8
LaserGrade Computer Testing, Inc.													
Total	\$56,910.00	\$42,935.00	\$13,975.00	\$31,760.00	\$25,621.00	\$6,139.00	\$27,120.00	\$23,335.00	\$3,785.00	\$33,760.00	\$24,627.50	\$9,132.50	\$32,67
Examinees	601	074.44	then or	563	045.54	640.00	406	857.40	#0.00	499	#40.0F	840.00	458
per examinee	\$94.69	\$71.44	\$23.25	\$56.41	\$45.51	\$10.90	\$66.80	\$57.48	\$9.32	\$67.66	\$49.35	\$18.30	\$71.3
Marine Technical Institute	1					<del>                                     </del>			1				
Total	\$11,095.00	\$11,060.00	\$35.00	\$12,758.00	\$12,169.00	\$589.00	\$11,696.00	\$13,103.00	(\$1,407.00)	\$12,162.00	\$14,110.00	(\$1,948.00)	\$15,000
Examinees	302	. ,		269			230			279			263
per examinee	\$36.74	\$36.62	\$0.12	\$47.43	\$45.24	\$2.19	\$50.85	\$56.97	(\$6.12)	\$43.59	\$50.57	(\$6.98)	\$57.0
Totals	\$404,898.85	\$419,237.00	(\$14,438.15)	\$383,793.00	\$391,677.00	(\$7,884.00)	391,480.45	406,693.14	(15,212.69)	\$392,453.90	\$401,709.39	(\$9,255.49)	\$396,80
Examinees	7,995	850.00	(00.47)	7,287	850.75	(04.00)	7,388	Acc 05	(00.00)	7,045	#F7.00	(04.04)	7,23
per examinee	\$50.64	\$50.80	(\$0.17)	\$52.67	\$53.75	(\$1.08)	\$52.99	\$55.05	(\$2.06)	\$55.71	\$57.02	(\$1.31)	\$54.8
*Amounts in parentheses are negative (loss)	-							l					
in parentieses are negative (loss)	1					1							
L	1	1	1		1	1		l			L		