

LOS ANGELES FIRE DEPARTMENT



JAMES G. FEATHERSTONE
INTERIM FIRE CHIEF

July 2, 2014

BOARD OF FIRE COMMISSIONERS
FILE NO. 14-075

TO: Board of Fire Commissioners

FROM: James G. Featherstone, Interim Fire Chief 

SUBJECT: AUTOMATIC VEHICLE LOCATION – PROJECT UPDATE

FINAL ACTION:	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Corrections	<input type="checkbox"/> Withdrawn
	<input type="checkbox"/> Denied	<input type="checkbox"/> Received & Filed	<input type="checkbox"/> Other

SUMMARY

As directed by the Board of Fire Commissioners, the Department is providing an update for the Automated Vehicle Location (AVL) project that is currently under way at Metro Fire Communications (MFC). Provided for the Fire Commissioners is a project map that outlines the status of all six phases of the project. As an adjunct, a brief project summary and an update on the AVL activation of individual fire resources is provided.

RECOMMENDATION

That the Board:
Receive and file.

FISCAL IMPACT

The total budget for the AVL project is \$2,348,283. The budget covers computer hardware and software, training, installations and integration services. Expenditures to date total \$1,006,353.63 leaving a balance of \$1,341,929.37.

CONCLUSION

As previously stated, the Department is working closely with the AVL vendor to meet all required deadlines. It is anticipated that the project will be completed by the March 2015 deadline.

Board Report prepared by Assistant Chief Trevor Richmond and Captain Xenophon A. Gikas Jr., Metro Fire Communications.

Attachments

AVL Project Map
AVL Project Map Update
AVL Activation Update

AUTOMATIC VEHICLE LOCATION (AVL) PROJECT MAP

PROJECT I – EMERGENCY VEHICLE GPS LOCATION REPORTING - INSTALLATION
Complete.

PROJECT II – DISPATCH FLOOR MAP REPLACEMENT

Dispatch floor map replacement is nearing completion and is expected to be finished before the end of July. Remaining tasks include Fire and Management Information Systems (MIS) testing as well as dispatcher training. Included in the phase is the AVL activation of the field resources. This project is currently underway and on schedule to be completed by the end of July.

PROJECT III – MOBILE FIELD MAPPING

The LAFD requested additional features including: greatly enhance radio network control capability and additional diagnostics. Additional features are nearly complete. We are continuing to work with the prototype in the test environment.

PROJECT IV – INCIDENT LOCATION QUICK FIND

The LAFD is continuing to work with Adashi to develop this feature.

PROJECT V– GIS BASED ADDRESS VALIDATION

Project to be completed March 2015

PROJECT VI – AVL BASED EMERGENCY VEHICLE DISPATCHING

Project to be completed March 2015

AUTOMATIC VEHICLE LOCATION (AVL) PROJECT MAP

PROJECT I – EMERGENCY VEHICLE GPS LOCATION REPORTING - INSTALLATION

COMPLETE

100 %

100 % COMPLETE



PROJECT II – DISPATCH FLOOR MAP REPLACEMENT

Goal – July 31, 2014

100 %

98 % COMPLETE



PROJECT III – MOBILE FIELD MAPPING

Goal – August 31, 2014

100 %

80 % COMPLETE



PROJECT IV – INCIDENT LOCATION QUICK FIND

Goal – August 31, 2014

100 %

75 % COMPLETE



PROJECT V – GIS BASED ADDRESS VALIDATION

Goal – March 31, 2015

100 %

PROJECT VI – AVL BASED EMERGENCY VEHICLE DISPATCHING

Goal – March 31, 2015

100 %



AUTOMATIC VEHICLE LOCATION GPS ACTIVATIONS

(As of: July 5, 2014)

NORTH DIVISION

	Total Vehicles	Activated	To-Do	Follow Up	% Complete
Battalion 5	36	30	4	2	88.89%
Battalion 9	33	19	12	2	63.64%
Battalion 10	54	28	18	8	66.67%
Battalion 12	39	17	6	16	84.62%
Battalion 14	44	24	16	4	63.64%
Battalion 15	39	22	11	6	71.79%
Battalion 17	43	28	11	4	74.42%
Division Totals	288	168	78	42	72.92%

SOUTH DIVISION

	Total Vehicles	Activated	To-Do	Follow Up	% Complete
Battalion 1	62	41	20	1	67.74%
Battalion 2	41	27	13	1	68.29%
Battalion 4	38	15	19	4	50.00%
Battalion 6	47	28	18	1	61.70%
Battalion 11	42	28	11	3	73.81%
Battalion 13	52	37	13	2	75.00%
Battalion 18	38	26	10	2	73.68%
Division Totals	320	202	104	14	67.50%
In Transition	29	1	28	0	3.45%

Project Totals	637	371	210	56	67.03%
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