

**From:** Keith Long  
**To:** jmc27106@earthlink.net  
**Cc:** Don Wright; Gary Bartlett; Johnnie McLean  
**Date:** 1/7/2008 5:51:41 AM  
**Subject:** RE: req info i.e IRV implementation

Please advise what enhancements must be made to North Carolina's optical scanners, touch screens and automarks in order to accommodate IRV.

There are no provisions on ES&S equipment to tabulate IRV.

Please advise the results of Stephen Berger's work, any reports or correspondence, and the timelines for IRV enhancements.

No additional work was authorized or received.



**Keith Long, PMP**  
**NC Voting Systems Project Manager**  
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-----Original Message-----

**From:** jmc27106@earthlink.net [mailto:jmc27106@earthlink.net]  
**Sent:** Saturday, January 05, 2008 4:40 PM  
**To:** Keith Long  
**Cc:** Don Wright  
**Subject:** req info i.e IRV implementation

North Carolina State Board of Elections  
Don Wright, General Counsel  
Keith Long, Voting Systems Manager

Dear Keith,

I have two requests for information:

Please advise what enhancements must be made to North Carolina's optical scanners, touch screens and automarks in order to accommodate IRV.

Please advise the results of Stephen Berger's work, any reports or correspondence, and the timelines for IRV enhancements.

Reference:

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8:00 – 8:15                      Introductions/Opening Comments                      Gary Bartlett

8:15 – 8:30	Goals for the IRV Meeting <ul style="list-style-type: none"> <li>• Plan A – use current hardware/software</li> <li>• Plan B – define needed enhancements to</li> </ul>	Keith Long
8:30 – 9:15	Discussion of IRV Ballots <ul style="list-style-type: none"> <li>• IRV Ballot Layouts <ul style="list-style-type: none"> <li>○ San Francisco</li> <li>○ Cambridge Design</li> <li>○ Others</li> </ul> </li> </ul>	Rob Richie
9:15 – 9:30	ES&S limitations <ul style="list-style-type: none"> <li>• Hardware</li> <li>• Software</li> </ul>	Herb Deutsch
9:30 – 10:00	Review of North Carolina Law <ul style="list-style-type: none"> <li>• Pilot Program <ul style="list-style-type: none"> <li>○ 10 Cities in 2007</li> <li>○ 10 Counties in 2008</li> </ul> </li> <li>• IRV meaning</li> <li>• Threshold of victory</li> <li>• May include more than 3 choices</li> </ul>	Keith Long
10:00 – 10:15	Break	All
10:15 – 10:30	North Carolina Ballot Layouts <ul style="list-style-type: none"> <li>○ Optical Scan Ballot</li> <li>○ DRE Ballot</li> </ul>	Brooks Garrett-Jones
10:30 – 11:15	Develop Plan A for North Carolina <ul style="list-style-type: none"> <li>• Ballots</li> <li>• Tabulation Method</li> </ul>	Keith Long
11:15 – 12:00	Developing Plan B <ul style="list-style-type: none"> <li>• Hardware enhancements</li> <li>• Software enhancements</li> <li>• Logic Diagrams</li> <li>• System Flow Diagrams</li> <li>• Development of a Statement of Work</li> <li>• Certification issues</li> </ul>	Steve Berger
12:00 - 1:00	Adjourn for Lunch	
1:00 – 1:30	Timelines for IRV enhancements	Herb Deutsch
1:30 – 2:00	Summary of Days Activities	Keith Long
2:00 – 3:00	Conference Call <ul style="list-style-type: none"> <li>• Minnesota</li> <li>• Santa Fe, New Mexico</li> </ul>	All

3:00 – 3:30

Scottish Election in May

Rob Richie

3:30

Adjourn

[http://www.ncvoter.net/downloads/IRV\\_Agenda\\_3\\_6\\_07.doc.doc](http://www.ncvoter.net/downloads/IRV_Agenda_3_6_07.doc.doc)

Regards;

Joyce McCloy  
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