Project Plan – Draft #1

March 14, 2005

Processing Ratings Curves from the USGS

1. Team Lead - Dave Reed - LMRFC

Team Members -

ABRFC – Jeff McMurphy, Janet McCormick, James Paul, and Lee Crowley

CBRFC – Brenda Alcorn

CNRFC - Rob Hartman

LMRFC – Ethan Jolly and Amanda Roberts

MARFC - Joe Ostrowski and Dave Zanzalari

MBRFC - Gene Derner

NCRFC - Mike Deweese

NERFC - Rob Shedd

NWRFC - Don Laurine

OHRFC - Craig Hunter

SERFC – Mark Fuchs

WGRFC – Pat Sneeringer and Bob Corby

- 2. Introduction In 2004, the USGS began placing all of their rating curves on a single website that was accessible by the RFCs. Some RFCs have setup simple procedures to access this information and provide all rating changes to their WFOs. RFCs have also developed graphical procedures to update their ratings within NWSRFS. This team will review all these procedures and establish a single set of procedures to obtain ratings from the USGS, graphically edit the existing rating curve, and transfer the updated rating t the WFO. The eventual goal is to incorporate these capabilities into the AWIPS baseline.
- 3. Significant Activity Descriptions (including responsibilities)

Task	Responsibility	Cost (\$)				
		Contractor	FTE**	Equip- Ment	Other (e.g., travel, printing, supplies)	Completion Date
1.Review existing procedures used by RFCs to manage rating curves	LMRFC					March 2005
2. Establish functional requirements for the processing and transfer of ratings	LMRFC and team					April 2005
3. Assign programming tasks to	Team					May 2005

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individuals				
4. Complete development of initial capabilities	Programmers			August 2005
5. Develop first draft of user documentation and system documentation	Programmers			September 2005
6. Beta test at field sites and provide feedback	TBD			September 2005
7. Incorporate feedback into design and code	Programmers			October 2005
8. Incorporate feedback on documentation	Programmers			October 2005
9. Place applications and documentation on the LAD	Programmers			October 2005
9. Implement procedures at all RFCs and WFOs	SR RFCs			December 2006
Sub-Total Costs				
Total Cost				

- 4. Deliverables Specific deliverables from this team include the following:
- a) A standard procedure for RFCs to obtain ratings from the USGS
- b) A graphical user interface allowing a forecaster to display the USGS rating and NWSRFS rating and make changes with the mouse
- c) A standardized procedure to transfer ratings from the RFC to the WFO
- d) Documentation on all programs and procedures
- e) Implementation of developed procedures at RFCs and WFOs
- 5. Project Life This project will provide the above deliverables by the end of Calendar 2005.