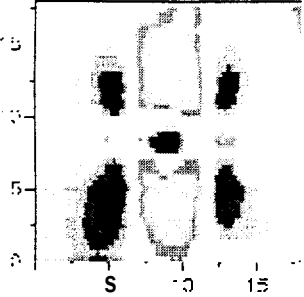
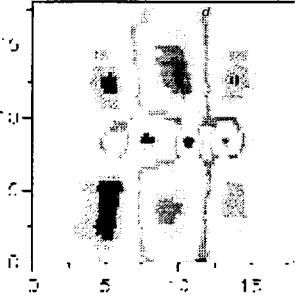
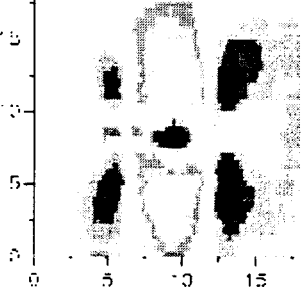
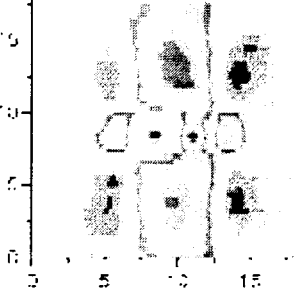
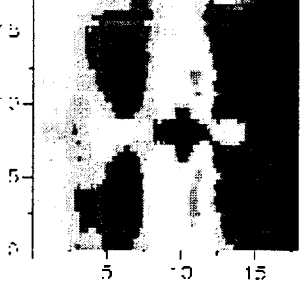
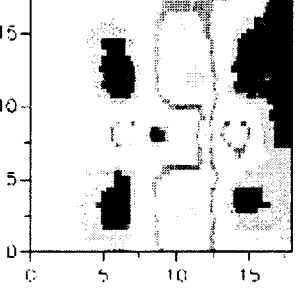
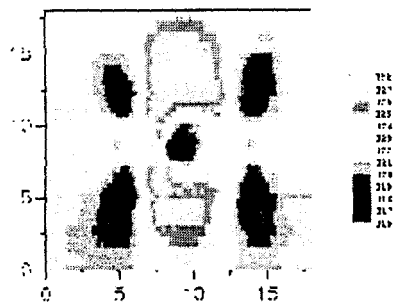
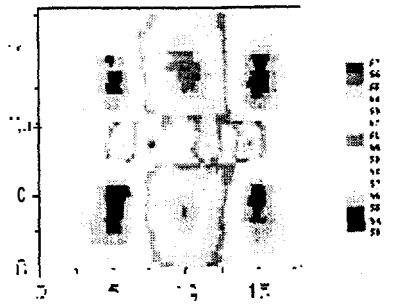
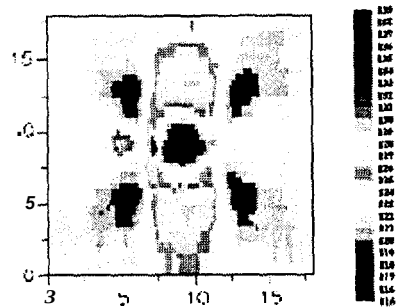
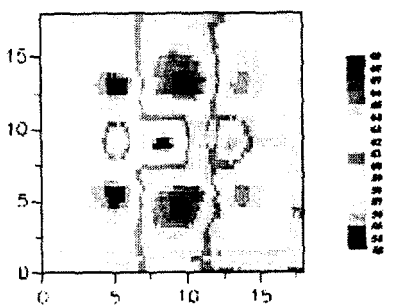
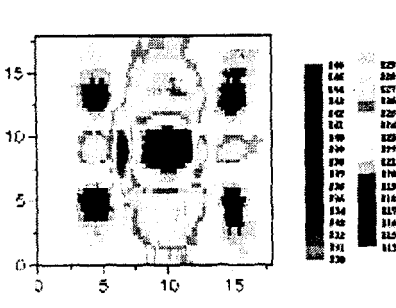
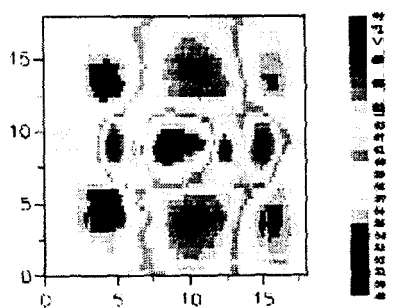
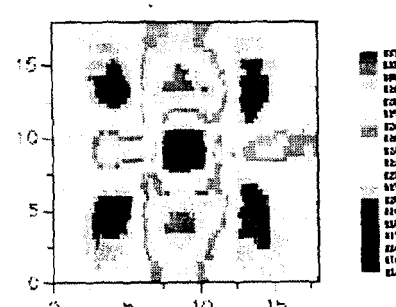
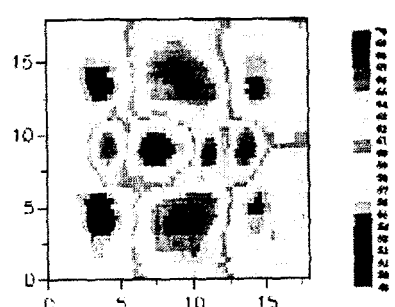
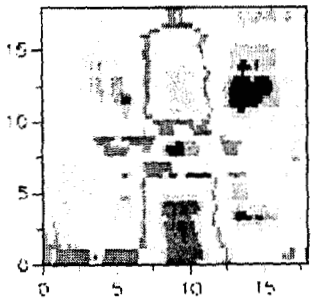
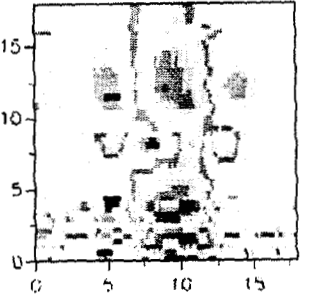
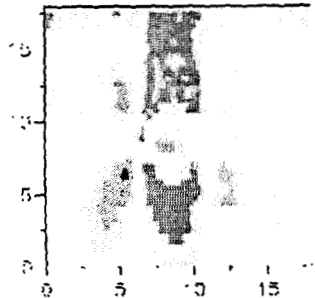
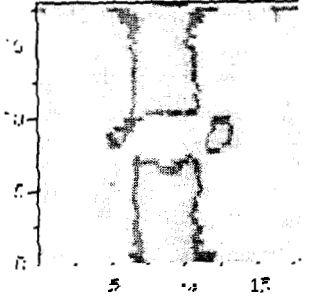
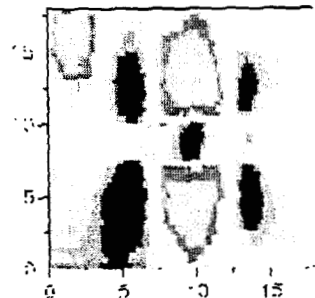
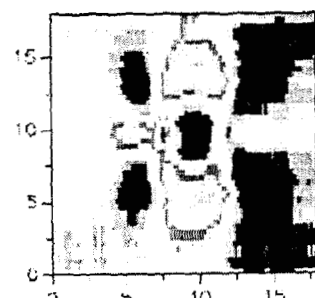
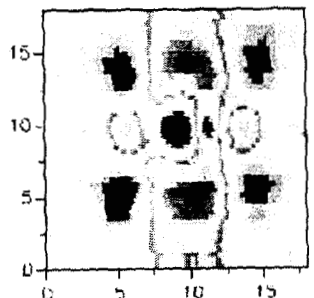


Defect Set 6 - Flow Loop Defects MFL Data

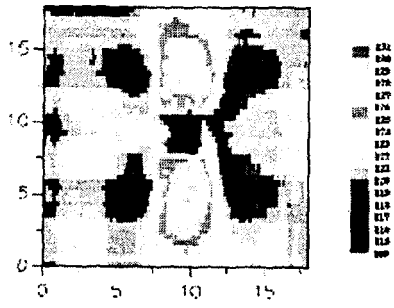
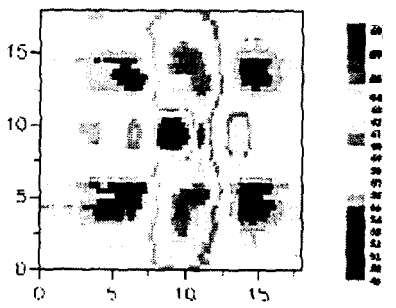
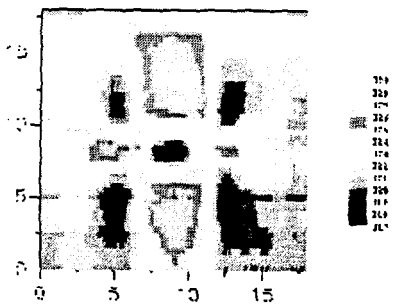
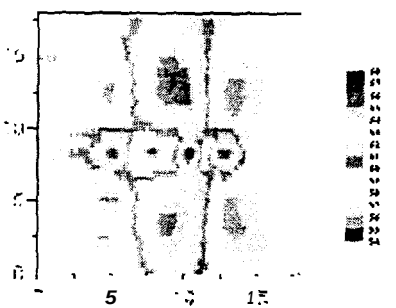
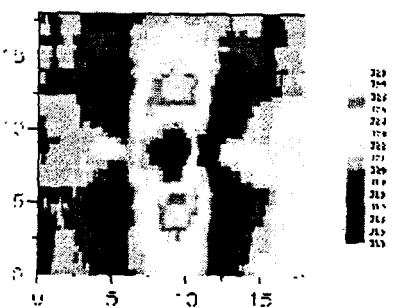
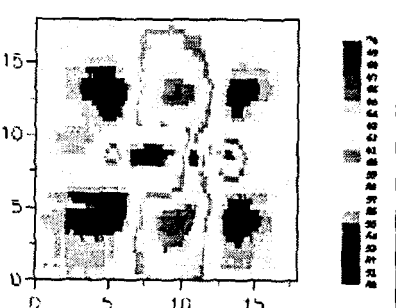
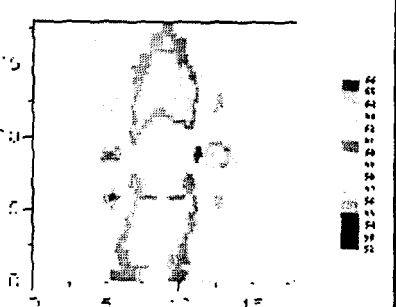
This defect set was used in the flow loop. For a layout map of the defects,
click [here](#). For a description of the variables included in this table, see the
legend at the bottom of this page.

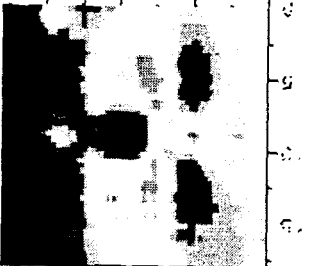
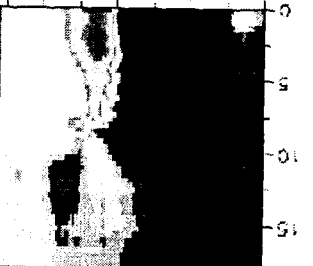
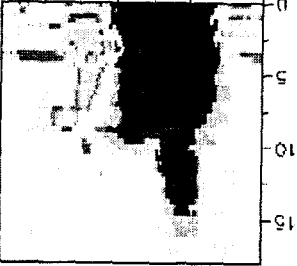
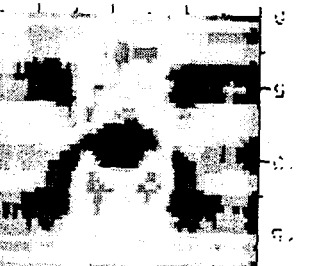
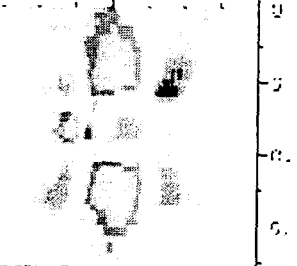
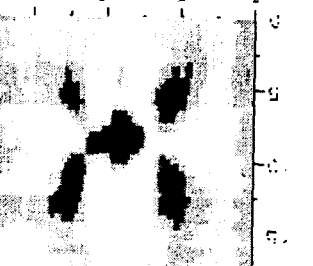
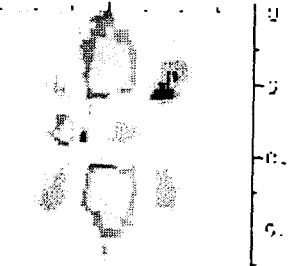
#	High Level MFL Signal	Low Level MFL Signal	D	L	FB	RI	RO	IW	IL	P	S
33			2	6	2	2	2	1	1	0.6	F
34			2	6	2	2	2	1	1	0.6	S
35			2	6	3	2	1	1	1	0.6	S

136			2	6	3	1	2	1	1	0.6	S
137			2	6	2	2	2	5%	5%	0.6	S
138			3	6	3	3	0	5%	5%	0.6	S
139			3	6	3	0	3	5%	5%	0.6	S

145			2	6	2	2	2	1	1	0.3	S
146			1	6	3	1	2	1	1	0.6	S
148			2	6	2	2	2	1	1	0.6	S
149			3	6	0	3	3	5%	5%	0.6	C

154																																																
155																																																
156																																																
157																																																
<table><tr><td>S</td><td>0.6</td><td>1</td><td>1</td><td>0.5</td><td>1</td><td>4.5</td><td>6</td><td>1</td></tr><tr><td>S</td><td>0.3</td><td>1</td><td>1</td><td>4</td><td>Z</td><td>0</td><td>6</td><td>Z</td></tr><tr><td>S</td><td>0.3</td><td>1</td><td>1</td><td>Z</td><td>1</td><td>3</td><td>6</td><td>2</td></tr></table>		S	0.6	1	1	0.5	1	4.5	6	1	S	0.3	1	1	4	Z	0	6	Z	S	0.3	1	1	Z	1	3	6	2	<table><tr><td>S</td><td>0.3</td><td>1</td><td>1</td><td>0</td><td>Z</td><td>P</td><td>6</td><td>Z</td></tr><tr><td>S</td><td>0.3</td><td>1</td><td>1</td><td>Z</td><td>1</td><td>3</td><td>6</td><td>2</td></tr></table>		S	0.3	1	1	0	Z	P	6	Z	S	0.3	1	1	Z	1	3	6	2
S	0.6	1	1	0.5	1	4.5	6	1																																								
S	0.3	1	1	4	Z	0	6	Z																																								
S	0.3	1	1	Z	1	3	6	2																																								
S	0.3	1	1	0	Z	P	6	Z																																								
S	0.3	1	1	Z	1	3	6	2																																								

158			3	4	1	1.5	1.5	1	1	0.6	S
159			2	6	2	2	2	1	1	0.6	S
160			2	6	2	2	2	1	0.5	0.6	S
161			1	6	3	1	2	0.5	1	0.6	S

165	164	163	162
 	 	 	 
2	1	2	1
6	6	6	6
4	4	4	2
1	1	2	2
1	1	0	2
1	1	1	1
1	1	1	1
0.6	0.6	0.6	0.6
S	S	S	F

166			2	6	2	N	2	1	1	0.6	F
167			1	6	2	N	2	1	1	0.6	S

Legend:

- # = Defect# is an arbitrary number identifying each defect
- D = Depth is the dent depth in percent of the diameter.
- L = Overall Length is the total length of the gouge in inches.
- FB = Flat Bottom Length is the length of the flat bottom portion of the gouge in inches.
- RI = Ramp In and RO = Ramp Out are the distances on either side of the flat bottom used to ramp the indenter into and out of the pipe (the overall gouge length is the sum of the flat bottom length and the ramp in and ramp out lengths).
- IW = Indenter Width and IL = Indenter Length are the footprint dimensions of the indenter in inches; where x% is shown, the indenter was a 4-inch sphere with a sharp protruding cutter that extended x% of the wall thickness.
- P = Pressure is the internal pipe pressure in percent of specified minimum yield strength.
- S = Speed refers to the rate of axial movement of the indenter (S is 1 inch per second; F is 5 inches per second).