

AD HOC SYMBOL COMMITTEE

SYMBOL GUIDELINES

	1	2	3	4	5	6	7
	<u>Singer</u>	<u>RCA</u>	<u>Charecogn</u>	<u>Scanner</u>	<u>PB-Alpex</u>	<u>Zellweger (Litton)</u>	<u>IBM</u>
1. Omnidirectional							
a. Symbol	No	Yes	Yes	No	No	Yes	No
b. Scanner	No.	Yes	Yes	Yes	Yes	Yes	Yes
2. Accuracy - 99.99%	-	-	-	-	-	-	-
3. Scanning Accuracy and Speed of Scanning @ 100 in./Sec.	-	-	-	-	-	-	-
4. Reading Thru Overwraps, Plastic Stains, etc.	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5. Size					Yes #1	Yes #1	
a. Size < 1.5 sq. in.	No	Yes.	Yes	Yes	No #2	No #2,3,4	Yes
b. Single Length < 2.5in.	No	Yes	Yes	Yes	Yes #1 Yes #2	Yes #1,2,3 No #4	Yes
6. Printing Specs. Consistent with Current Printing	-	-	-	-	-	-	-
7. Bottom Slot Printing Req. (or Placement Preference)	Yes	Yes	No	No	No	Yes	Yes
8. Container Compatibility (EVEREADY TEST*)	No	No	Yes	No	No	No	No
9. Scanner Safety (Scanner Type)	-	Laser	Optical D.C. Power	Vidicon	-	Laser	-
10. Human Readable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11. Reasonable In-Store Label Printing	-	-	-	-	-	-	-

Prepared by: CHARECOGN SYSTEMS, INC.
 Nine Tech Circle
 Natick, Massachusetts 01760

* "D" Size is 1 1/4 inch circle
 - Not Known

IBM REQUIREMENTS

CANDIDATE SYMBOL EVALUATION

	1	2	3	4	5	6	7
	<u>Singer</u>	<u>RCA</u>	<u>Charecogn</u>	<u>Scanner</u>	<u>PB-Alpex</u>	<u>Zellweger (Litton)</u>	<u>IBM</u>
1. Omnidirectional							
a. Symbol	No	Yes	Yes	No	No	Yes	No
b. Scanner	No	Yes	Yes	Yes	Yes	Yes	Yes
2. Minimal Source Marking Costs	-	-	-	-	-	-	-
3. Inexpensive In-Store Label Marker & Labels	-	-	-	-	-	-	-
4. Scanning by							
a. Fixed Head	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b. Hand-Held	No*	No*	Yes	No*	Yes	No*	Yes
5. Area < 1.5 sq. in.	No	Yes	Yes	Yes	Yes #1 No #2	Yes #1 No #2,3,4	Yes
6. Data Code Self-Clocking Manner	No*	No	Yes	Yes	Yes	No	Yes
7. Coded							
a. Redundancy	-	Yes	Yes	-	-	-	Yes
b. Total Parity	-	-	Yes	No	No	Yes*	Yes
c. Indiv. Char. Error Det.	-	No	Yes	-	Yes	No	Yes
(Min. Line Width Area Acceptable Symbol)	.015	.011	.028 (median)	.019	.0071	.010	.0136

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* No Claim in Manual
 - Not Known