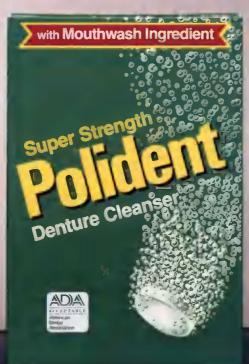
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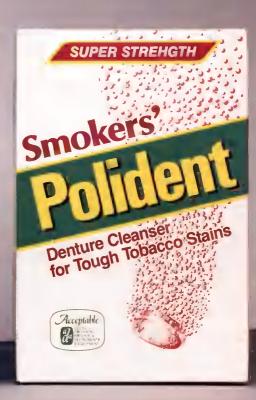
MARKETING RESEARCH

Review

Promotion pre-testing keeps Polident competitive



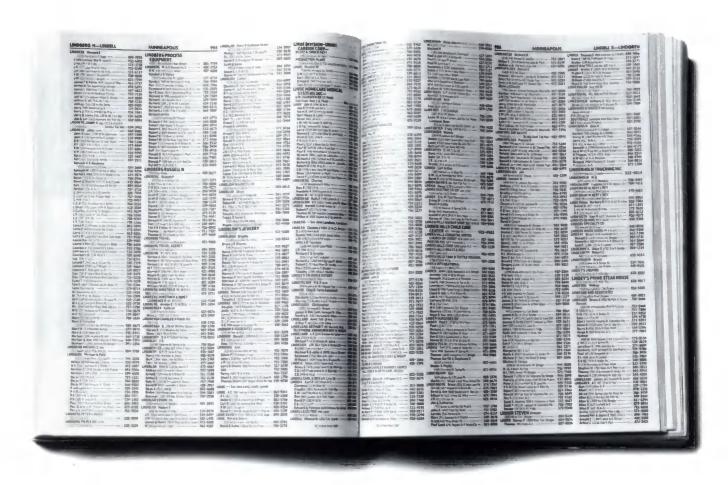




Data processing/software issue

March, 1989

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MARKETING RESEARCH Review

Vol III, No. 3 March, 1989

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Cover

Block Drug Company has

found success with pre-testing promotions for its

Polident denture cleanser

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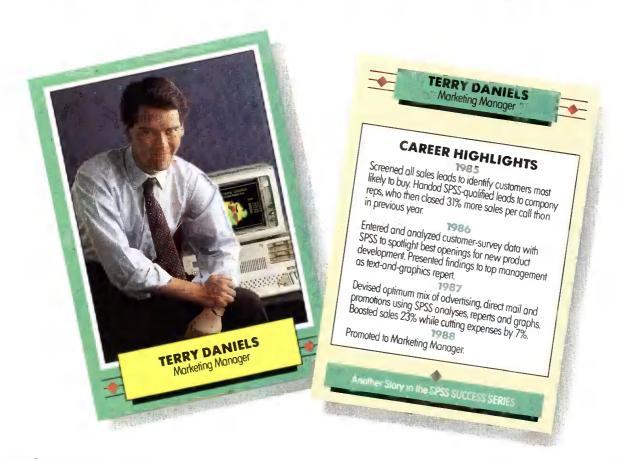
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Promotion pre-testing keeps

by Joseph Rydholm managing editor

s anyone who has ever shopped knows, consumer brand preference can change in the blink of an eye. You might be a regular user of Brand X, but if Brand Y's box promises a better deal ("20% more free!" or "50 cents off right now!") even the most loyal consumer would probably rather switch than fight.

One way for manufacturers to prevent such desertion (or cause it with buyers of the competition), is pre-testing of promotions. Pre-testing allows a company to determine which in-store campaigns will win the hearts and minds of consumers-before they do battle on the store shelves. One company that has had success with pre-testing is the Block Drug Co., maker of the Polident line of denture cleansers. With the research help of Oxtoby-Smith Inc., Block has used the process to maximize the impact of Polident campaigns.

"The Polident business is a very competitive business, almost a commodity in nature," says Charles Schrank, Polident product manager. "One of the ways that we try to differentiate ourselves from the competition is promotion. We sell a great deal of our product in consumer identified deal packs (that offer rebates, sweepstakes, and other premiums). During the course of the year we'll run eight to ten different deals, programs or offers, and they get to be fairly expensive, so we're always looking to evaluate these programs before we implement them."

Because these promotions typically aren't supported by major media advertising (their primary purpose, Schrank says, is to "create a point of difference versus the competition"), the offer itself and the package graphics are what sell the product, so they must reach out and grab the potential customer.

Block uses a two-phase procedure to pre-test its promotions. In one-on-one

"During the course of the year we'll run eight to ten different deals, programs or offers, and they get to be fairly expensive, so we're always looking to evaluate these programs before we implement them."

Charles Schrank

mall interviews, small samples of consumers are shown several examples of promotional concepts and are asked to choose which they like best. Those promotions that seem worth testing further are then made into mock-ups for a mail survey that asks consumers to evaluate the promotions on purchase interest and overall appeal.

While this method provides valuable information on the potential of a promo-

tion, recent refinements in the process have yielded an even more effective method that Block began using last year, now offered by Oxtoby-Smith Inc. as a standardized concept called Pro-Sort.

Ranking vs. rating

A key component of Pro-Sort is the use of ranking instead of rating. Rating asks the respondents to assign a score to each of the items concerned, using, for example, a number from one to ten. This gives an indication of how consumers feel, but relying solely on ratings can present problems, says David Smith, vice president, marketing for Oxtoby-Smith Inc.

"There are some consumers who, when asked to rate a product on a one-to-ten scale, will never score anything higher than a two, and there are those who will never score anything lower than an eight. They either love everything or they hate everything. In any case, you end up with distorted findings that don't accurately predict consumer behavior in the market-place."

Though ranking avoids this-asking the respondent to rank their choices in a definite order, thus giving an explicit idea of preference-it doesn't indicate the difference between those choices. "A consumer's first and second choices can be a mile apart or virtually indistinguishable," Smith says. "Rank orders in themselves don't tell you that." This critical informa-

Polident competitive



tion is what the Pro-Sort methodology provides.

Computer program

Using a computer program designed by Dr. Richard Maisel, a professor of statistics at New York University, the Pro-Sort methodology translates each promotion's rank order score into a quantitative scale value, then indexes it against a control promotion, which is assigned a value of 100. The use of a previously successful promotion as a control-what Smith calls a "gold standard"-permits clients to see not only how well each of the test promotions scored relative to each other, but more importantly, relative to a promotion that has already proven itself in the marketplace.

This kind of information, says Smith, allows a company to implement the promotions that have the best chance of capturing consumer attention.

"You have a marketing environment increasingly filled with promotional clutter," Smith says. "As consumers are overwhelmed by the proliferation of promotional offers, it is becoming more difficult to elicit positive consumer response. This test permits marketers and sales promotion executives to determine before engaging in a campaign which one of their alternative promotions is likely to be most successful."

Bouus pack

For its control promotion, Schrank says,

continued on p. 30

Polaroid uses software package to enter new market

hen Polaroid Corp. prepared for its first-ever entry into the 35mm consumer film market, senior management had numerous questions. Fortunately, its 19-person market research division had many of the answers-with help from a cross-tabulation software product called A-Cross, from Strawberry Software, Inc., Watertown, Mass.

"This launch was a very hot topic inside Polaroid, and management wanted as much data as possible in order to market effectively," says Linda Tamkin, Polaroid market research division analyst. "With A-Cross we were able to supply new cross-tab data in a matter of hours, instead of waiting days or weeks for a service to supply it."

The market research division, headed by Jim Landrigan, supports the corporation's industrial and consumer product activity. The group conducts product research and market-specific research, including new product development, existing product evaluation, and identifying new markets for existing products. The division tracks consumer trends year-to-year on attitudes, product needs, brand awareness, and advertising impact.

"Our basic mission," says Landrigan, "is to integrate all of the market-related information generated by the company into a central database as well as to integrate past research with current projects. This allows us to create a more pro-active position within the company and to provide more action-oriented information to Polaroid's worldwide marketing effort. Our intention is to increase the department's involvement in all of the com-



pany's target marketing areas, on a worldwide basis-amateur, industrial, advertis-

"This launch was a very hot topic inside Polaroid, and management wanted as much data as possible in order to market effectively."

Linda Tamkin

ing-so as to provide timely, value-added information."

Survey conducted

To prepare for Polaroid's major mar-

ket expansion effort with its color 35mm film, due for official launch this spring, the market research division conducted a survey sampling of hundreds of consumers across the U.S. This survey was considered especially critical as Polaroid is primarily identified with instant film technology and has no products in the highly competitive U.S. 35mm market.

The survey used random shopping mall interviews in major market areas, during which respondents were led through a questionnaire containing approximately 40 questions. The questions focused on the areas of product eoncept, packaging, consumer interest, film usage habits and consumption, and competitive brand assessment.

Working with an outside service supplier, Polaroid's market research divi-

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Polaroid

continued from p. 8

sion prepared the survey questionnaire, conducted the interviews, and processed the survey results. The survey data was organized into some 200 tables which, at Polaroid's request, the supplier entered on two floppy disks. The reason for this admittedly non-routine request, says Tamkin, was so the data could be downloaded and manipulated on A-Cross.

Multi-tasking

Released in 1987, the software pack-

age is a multi-tasking statistics program in spreadsheet form for use by market researchers, sales analysts and other professionals who deal with large quantities of raw research data.

"I first heard about A-Cross from a coworker who was using the product, and called to ask them to come in for a demonstration," says Tamkin. "I had a training session on the product and agreed to try it on a test basis."

Previously, Polaroid had relied on suppliers to provide cross-tabulations of raw research data, a process that typically required one to two weeks. There was a natural tendency, Tamkin says, for the research division's staff to wait and combine several jobs into one, so that the department could get the most out of each individual request.

"With A-Cross, of course, this is not a factor. We can do the work immediately," says Tamkin.

Management meetings

These factors came into play as the market research division presented the survey data at management meetings concerning the color 35mm product rollout. Typically, these sessions included product managers, program managers, marketing staff and research division personnel.

"Discussion and analysis of the data

"We wanted to work on data in the most timely manner possible, so that we could respond to our internal division questions and present the most complete data set possible at the senior management meetings."

Linda Tamkin

we received from the supplier frequently identified further areas for analysis," Tamkin recalls. "Naturally, we wanted to work on data in the most timely manner possible, so that we could respond to our internal division questions and present the most complete data set possible at the senior management meetings. And even then we might come up with additional issues for scrutiny.

"The answers to most of our questions required additional cuts of the research data. These tended to be highly-focused cuts, and A-Cross could handle them quickly and efficiently, and was a more economical resource than going back to the supplier. It enabled us to do this quickly and efficiently, and to enhance our presentations to senior management.

"There is no question but that the program was a major asset in helping us to make our research as complete and precise as it possibly could be," Tamkin concludes. "It was an effective tool-easy to use, accessible, and cost-efficient."

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Research company puts software to the test

hen Marketing Research Institute (MRI) of Jackson, Miss. is hired to complete a complex, multi-faceted study, they confidently put their software to the test. Dr. Verne Kennedy, MRI's president and senior analyst, illustrates this with a story.

"A few years back, the Louisiana Commissioner of Agriculture asked us to develop a marketing plan to turn crawfish, a popular Louisiana delicacy, into a nationally accepted seafood. We had to develop a complicated questionnaire that

required not only categorical data, but numeric responses and answers to openended questions as well."

MRI has been inputting research data since personal computers were first introduced in the late '70s. "We wrote our own software back then because there wasn't a package on the market that could handle research," Kennedy says. While most analysts would write their own questionnaires and collect the data, the analysis of the data was always done at "tab houses."

"Writing our own software certainly enhanced our research gathering ability," says Kennedy. "The only drawback was, we had to alter the program each time we began a new project. That was a costly and time-consuming effort."

Computers upgraded

Then, in 1982, MRI upgraded their computers to increase their proficiency. "With the upgrade came an emerging need for an interfacing software package, so I examined the two or three products

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available on the market at the time," Kennedy says.

He went with a package called StatPac, written by Walonick Associates, Minneapolis, Minn. For MRI, Kennedy says, StatPac "was clearly the best package in terms of versatile analytical eapabilities. Plus the program was extremely easy to operate, requiring far less training time.

"We had to develop a complicated questionnaire that required not only categorical data, but numeric responses and answers to open-ended questions as well."

Verne Kennedy

"Looking back, our own programs could not have handled the magnitude of the crawfish project," he says. "We have a systems analyst on staff, and we know we can't write a better program."

Crawfish study

To complete the crawfish study, MRI selected a sample based on urban zip codes nationwide with a high "yuppie" profile. Because their office maintains a database with 126 demographic variables for every ZIP code in the country, they were able to target this survey to 1,200 seafood consumers nationwide.

"StatPac was instrumental in selecting our target market," Kennedy says. "In addition to interviewing 1200 individuals, we loaded into the program the 126 different demographic variables describing the neighborhood in which they lived."

Once the market was defined, Kennedy keyed the package with 50 categorical questions such as, "Which of the following types of restaurants do you frequent?" to determine the market's likes and dislikes. The second set of questions (such as "How many times do you eat lunch/dinner in a restaurant?" and "What do you spend on a meal?") required numeric responses.

Finally, they entered "free format" or

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		TASTE TESTS	AUDITS	COOE & TAB	
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Testing product names

Editor's note: The following article, written by Ira N. Bachrach, president of NameLab Inc., is an excerpt from a chapter in his proposed "how to" book titled Making Names, which is due for publication in 1990.

by Ira N. Bachrach

hen product names are assessed by the usual techniques (attribute panels and focus group discussions), results are often taken with a grain of salt by sophisticated new product marketers. As one such manager put it: "It looks like this study would have rated Lite 'n Natural over Jell-O and Strong 'n Gentle over Bufferin when those

products were named, and that makes me suspicious."

At NameLab, because our only business is making names, we haven't run name tests in-house since 1985. But in the course of numerous name development projects, we have watched various clients conduct nearly 100 name evaluation studies. As a portion of our fee

depends upon our client's decision to register and use a name we have proposed, it is inappropriate for us to criticize the design or the results of a study involving our candidate names.

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TRADE NEWS



Consumers dissatisfied with service

An Opinion Research Corp, study shows that while most Americans are generally happy with the service they receive from businesses, at least one-third of them believe businesses are performing unsatisfactorily in four crucial areas: providing prompt attention with little waiting time, providing solutions to problems that come up with the product or services sold, providing clear, detailed information, providing personalized attention to meet special needs.

Consumers were also asked to evaluate changes over the past five years in the levels of service provided by eight specific businesses: supermarkets, airlines, stores selling major appliances, telephone companies, auto insurance companies, stores selling furniture, auto dealers, and clothing stores.

In the case of auto insurance, 38% believe they are receiving worse service now than they were five years ago. By contrast, 14% believe that auto insurance service has improved over the same period. On the service of other automobile related businesses, the public is nearly divided. 20% say service is improving, 24% say its getting worse.

More consumers felt there was an improvement rather than a decline in service levels for four types of retailers: supermarkets, clothing, furniture, and appliance stores. 40% believe supermar-

ket service has gotten better over the past five years. Consumers were split over the performance of the telephone and airline industries, citing improvement and deterioration in about equal amounts.

People want better service, but for six of the eight businesses measured, only about one consumer in four say they would pay higher prices to receive it. A somewhat higher percentage (32%) say they are willing to pay for better service in clothing stores. Only one consumer in five would pay more to get better service from an auto insurer.

Three groups of consumers are particularly likely to say they are willing to pay more for an enhanced quality of service: men, black consumers, and consumers aged 18-24.

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Kitchen becomes gathering place

According to a study conducted by R.H. Bruskin Associates for GE Spacemaker, part of the Audio and Communications Division of Thomson Consumer Electronics, the kitchen has become much more than a place where food is prepared and consumed. It's now a gathering place, where Americans spend on average 2.1 hours of their day. More than 25% of all Americans spend three to four hours daily in the kitchen.

The survey results show that 44% of Americans pay bills or do paper work in the kitchen, 47% entertain family, guests and friends there, and 42% listen to music. Women still spend the most time in the kitchen, averaging 2.6 hours per day, or about 65% more time than men.

The kitchen is clearly the social and information center, with many households having home office equipment set

continued on p.18



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B. A., V. P. Research

66 One of the best-run sessions I've been to! 55

G. C., Creative Director

GG Great location. I got there in minutes! 55

Harvey V., Accountant, Bala Cynwyd, PA

66 A great night in town! 55

Marge, Housewife, Trevose, PA

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Trade News

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up there. 48% of America's kitchens have radios in them, 23% have televisions, and 13% have cassette tape players.

Those aged 65 or over make the most use of kitchen entertainment products. 80% of them spend between one and four hours in the kitchen each day, and 60% have a radio, while 32% have a TV.

Nine out of 10 suffer jet lag, survey shows

A recent survey indicates that nine out of 10 people who fly across multiple time zones suffer jet lag, yet many take no preventive action to reduce it. Dr. Michael Irwin, medical director of the United Nations, says most travelers would probably recommend taking a "semi-rest for the first day or two when you arrive." He notes that "the three or four ways of coping with jet lag are not known." Irwin recently presented the findings of a survey of 784 long-distance jet travelers. The survey investigated how many suffered from jet-lag symptoms and what, if anything, they did about it. Ninety-four percent suffered from fatigue, sleeplessness, impaired concentration, slowed reflexes, irritability or other symptoms associated with jet lag if they flew across three time zones or more. Forty-five percent of the jet travelers reported severe problems with inability to sleep and daytime sleepiness or fatigue being the most disturbing. Nevertheless, only 45% said they used any strategy to try to head off jet-lag symptoms, the survey said. Others did report having helpful strategies to combat jet lag, such as avoiding alcohol on the flight, resting a few days on arrival, adjusting sleeping patterns before leaving and using a short-term sleeping medication the first night or two in the new place. Alcohol consumption should be avoided on planes, says Irwin. "The reason is that the combination of dry air inside the plane - less than 5% humidity - with the alcohol make you very dehydrated, and it's harder to adjust to a different time zone." At least 100 biochemical and hormonal rhythms in the body, which govern daily cycles such as sleep, all suffer with dehydration, says lrwin. The survey found that jet-lag symptoms are greatest flying from west to east, as indicated by the finding that 23% of East Coast travelers to Europe reported severe jet lag, while just 14% had severe problems on the reverse trip. Additionally the survey said 39% of those traveling east from the Orient to California were extremely bothered, compared with 24% traveling west from California to the Orient.

The best remedy for resetting the biological clock when flying across three or four time zones is exercising outdoors, says Irwin. Optimally, the exercise would be in morning daylight or after an eastward flight, to encourage the body to adjust to a later day. When taking medications for jet-lag, do so only under a doctor's prescription, says Irwin. The Upjohn Co. of Kalamazoo, Mich., commissioned the study, which was conducted by an independent polling organization, R.L. Associates of Princeton, N.J., with the assistance of United Airlines and British Airways. The travelers had made at least two round-trips of 5,000 miles, once going eastward and once going westward, in the 24 months before the survey was conducted.

Hail, Mikhail

A national OmniTel study conducted by R.H. Bruskin Associates just a few days after Mikhail Gorbachev's visit to the U.S. found that Americans were quite taken with the man, his proposals, and his intentions. When asked about their personal feelings about the Soviet leader, 75% of all adults interviewed expressed a favorable reaction (with one of every four "very favorable"). When asked about specifics related to his visit, a similar reaction occurred. 80% felt his visit was worthwhile, 79% said it was "an important step towards world peace," 69% felt that his visit "indicated he was sincere." However, when asked if they felt the visit was likely to lead to a cutback in our defense spending, 43% said no, 40% said yes, and 17% were unsure.

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when conducting survey Data entry Elapsed time Data accuracy Cost	s? (Fill in all that apply) Questionnaire preparation Last minute changes Flexibility Aesthetics		How do you enter your data? Key entry minicomputer PC with key entry software CRT interviewing system Other
Coding	Assembling	5.	How do you prepare your Questionnaires? Word processing Computer software product Other
What is your typical nuper survey? Less than 200 201-500 501-1,000 1,001-2,000	2,001-5,000 5,001-10,000 10,001-20,000 Over 20,000	6.	Would you consider using the SURVEY NETWORK system for your operation assuming you can reduce costs and it solves the problems you marked in the first question? Yes No Need more information
How many surveys do y month? 1-2 3-5 6-10	ou conduct per 11-25 26-50 Over 50	Ti Co Ao	ame tle ompany ddress
	What are the primary p when conducting survey Data entry Elapsed time Data accuracy Cost Labor staffing Coding Peaks and valleys Other What is your typical nu per survey? Less than 200 201-500 501-1,000 1,001-2,000 How many surveys do y month? 1-2 3-5	What are the primary problems you have when conducting surveys? (Fill in all that apply) Data entry Elapsed time Data accuracy Cost Labor staffing Coding Peaks and valleys Other What is your typical number of respondents per survey? Less than 200 201-500 501-1,000 10,001-2,000 How many surveys do you conduct per month? 1-2 3-5 What is primary problems you have when conduct per great primary problems you have when conduct per monthy Questionnaire preparation Last minute changes Flexibility Aesthetics Complex designs Assembling Typos Other 2,001-5,000 5,001-10,000 10,001-20,000 Over 20,000	What are the primary problems you have when conducting surveys? (Fill in all that apply) Data entry Questionnaire preparation Elapsed time Data accuracy Flexibility Cost Aesthetics Complex designs Assembling Typos Other Other Cother Other Less than 200 2,001-5,000 201-500 5,001-10,000 501-1,000 10,001-20,000 1,001-2,000 Over 20,000 How many surveys do you conduct per month? Cother Times of the primary problems you have 4. Assembling 1.2 2,001-5,000 1,001-2,000 National Peaks and valleys Typos Assembling 5. Complex designs Assembling 5. Complex designs Assembling 5. Typos Other Typos Other Times Time

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CASRO data collection guidelines

he Council of American Survey Research Organizations(CASRO), established in 1975, is the national trade association for commercial survey research firms in the United States.

CASRO's mission is to provide the environment and leadership that will promote the profitable growth of the survey



research industry in an ethical and professional manner.

As a condition of membership, CASRO members subscribe to the Code of Standards for Survey Research. This code describes the research company's responsibilities to respondents, to clients, to outside contractors and interviewers, and in reporting to clients and the public.

These data collection guidelines were produced, as a membership service, by

the CASRO Survey Research Quality Committee, and approved by the CASRO Board of Directors in the Fall of 1988.

Overview

Quality is an essential element of a marketing research project, and includes every area from project design through reporting of results. A quality research project is one that:

- •is objectively designed to address the needed areas of information
- •is conducted among the appropriate target audience
- ·uses appropriate data collection technique(s)
- •is accurately and objectively edited, coded, and data processed
- •is objectively reported to the client.

The following guidelines are designed to ensure that the data collected in research projects are of the highest quality. CASRO members are committed to following these guidelines in their internal

data collection activities and to requiring that they be followed by data collection subcontractors.

Interviewer training

Training should be conducted under the direction of supervisory personnel and cover the following:

- 1. The research process: how a study is developed, implemented, and reported.
- 2. The importance of the interviewers to this process in their attitude, honesty, objectivity, organizational skills, and professionalism.
- 3. Confidentiality of the respondent and client.
- 4. Familiarity with market research terminology.
- 5. The importance of following the exact wording and recording verbatim responses.
- 6. The purpose and use of probing and clarifying techniques.

continued on p. 22

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CASRO

continued from p. 21

- 7. The reason for and use of classification and respondent information questions.
- 8. A review of samples of instructions and questionnaires.
- 9. The importance of the respondent's positive feelings about survey research.

No person is to work as an interviewer unless that person has been trained in the general interviewing techniques as outlined above.

Project briefing

A personal briefing session should be held on every study. Every interviewer who works on a project should attend such a briefing, or be required to view a tape of the original briefing.

Prior to the briefing the supervisor should read the supervisor's instructions and review the project materials. The supervisor is in charge of the study and all interviewers who will be working on the project should be instructed on the following:

- 1. Type of study
- 2. Sampling procedures

- 3. Handling of materials/products/exhibits
 - 4. Interview length
- 5. Termination points and qualifiers for eligible respondents
 - 6. Reading of interviewer instructions
 - 7. Reading of questionnaire
- 8. Review of skip patterns and rotations
- 9. Review of probing and clarifying techniques as they apply to questionnaire
- 10. Interviewer check of each finished questionnaire before the editing process (paper questionnaires)
- 11. Explanation of validation policy according to client's instructions
- 12. Where applicable, each interviewer should complete a practice interview to be returned with the project materials.

Interviewing

The data collection agency should maintain a sufficient and adequately trained interviewing staff. Clients should not be misinformed about the number, quality, or training of a firm's interviewers.

A properly trained interviewer is one who has been instructed in general interviewing techniques, and who has been briefed on the particular project.

Interviewers who work on a project are to be employees of the data collection agency or an affiliate, or employees of an independent contractor. Appropriate federal, state, and local taxes, as well as FICA and unemployment taxes are to be withheld and paid on behalf of all interviewers. Interviewers are to be mature enough to handle the project to which they are assigned. A regularly scheduled interviewer should be at least age 17.

Each interviewer is to follow these techniques for good interviewing:

- 1. Provide his or her full name, if asked by the respondent, as well as a phone number for the research firm.
- 2. Read each question exactly as written. Any problems should be reported to the supervisor as soon as possible.
- 3. Read the questions in the order indicated on the questionnaire following the proper skip sequences.
- 4. Clarify any question by the respondent in a neutral way.
- 5. Do not mislead respondents as to the length of the interview.
- 6. Do not reveal the identity of the ultimate client unless otherwise instructed to do so.
 - 7. Keep a tally on each terminated continued on p. 27

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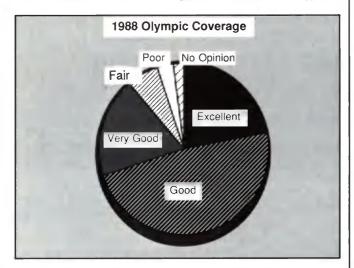
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Viewers rate Olympic coverage

Contrary to reports of low ratings and viewer dissatisfaction with the television coverage of the 1988 Summer Olympics in Seoul, a survey by R.H. Bruskin Associates found viewers were generally happy with what they saw. 66% of those interviewed felt the Games were as exciting, or even more exciting, than



previous Summer Olympics; 80% felt the NBC-TV announcers were about the same, or better, than those on past Summer Olympic telecasts; and 75% rated the overall TV coverage the same or better than in previous years. In summing up, 22% of all adults said the 1988 TV coverage was excellent, 48% felt it was good, 19% fair, 6% poor, and 3% very poor (2% had no opinion).

The survey also gathered some information on who watches the Olympics. 75% of all U.S. adults had seen at least some of the TV coverage. Viewing levels were greatest among men (80%), the 25-49 year age group (83%), and the \$40,000 plus income group (86%).

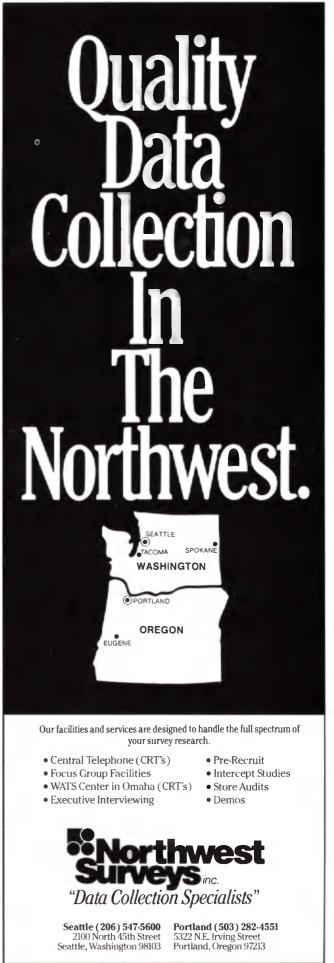
Threat of terrorism haunts travelers

By a margin of two to one, Americans are more concerned about the dangers of terrorism than other safety risks when considering travel abroad, according to a recent survey on attitudes and preferences regarding travel and tourism conducted by Opinion Research Corp. Two thirds of those who cite safety as a key consideration in their vacation plans are specifically concerned with terrorism. Only about half as many mention either crime, disease, health care, or transportation safety as being of particular concern.

Surprisingly, people expressing a strong interest in visiting the often violence-torn Middle East are as likely as the general public to place a high priority on safety, but are much less likely to point to terrorism as the safety concern most important to them. They tend to place greater emphasis on local diseases and the quality of health care than does the general public.

Other key findings of the study include: one American in five (19%) says he or she is likely to travel abroad in the next year.

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Product names

continued from p. 14

to suggest a test design or comment on a muddy result. But over the years, we have observed what seems to be the root of the name testing problem and an innovative test method which seems to avoid it.

Name function tests aren't really about names. The marketers couldn't care less whether their new shampoo is called Sweet 'n Sassy or Salamander Sweat. All they care about is the effect of the name on the consumer's expectations of the product.

The difficulty with most name tests is that any consumer whose IQ exceeds their waist size realizes that the interviewer or moderator is asking about names. As names are words rather than shampoos, the consumer tells the interviewer or moderator whatever that particular word means or suggests, including (in one focus group tape we saw) that "It reminds me of my grandmother cursing in Polish," and (in another tape) that "It has too many n's. Wouldn't it be better to use a lot of different letters?"

The problem is rarely so humorous or obvious, but it affects most name studies, although this is somewhat reduced by

monadic structure. (In a monadic test, the consumer sees only one name.) After an investment of time and money in name testing, the marketers are presented with reports that focus on the relative characteristics of words rather than how a candidate name as an attribute of a product would affect expectations of that product (and presumably purchase intent).

A small number of packaged goods companies employ a technique called adjectival analysis to compare consumers' expectations of a product with one name versus expectations of the same product with another name. Here's how it works.

In mall intercepts (or whatever acquisition technique makes sense for the product being researched), appropriate consumers are shown what appears to be a full-page magazine advertisement for the product.

Each consumer is shown only one ad (the test is monadic), although separate ads are prepared for each of the names being tested. The ads are realistic but simple: a clear photo of the package, a simple headline like "A New Shampoo," and the product name in large, uncomplicated type at the bottom. Only the prod-

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uct name on the package and at the bottom of the layout changes from one ad to the next. After seeing the ad, the consumer is asked the least directive question possible. (The question we like best is "What do you think?") His or her answers are tape recorded.

Typing off the tapes yields a stack of verbatim responses to the product with the name Sweet 'n Sassy and a second stack of responses to the product with the name Salamander Sweat. Obviously you can evaluate as many names in such a study as your budget and patience permit.

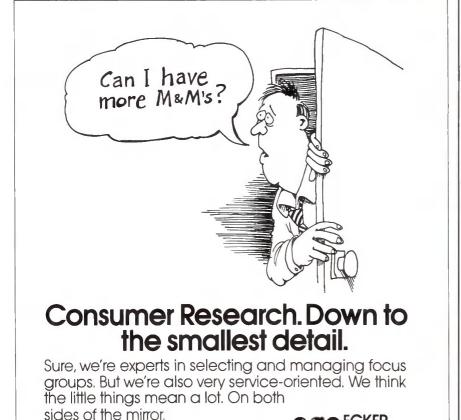
An analyst goes through each stack of responses, crossing out all words that are not adjectives, leaving one list of adjectives used in response to the product when named Sweet 'n Sassy and a second list of adjectives used in response to the product when named Salamander Sweat.

On examining the two lists of adjectives, the analyst will observe that the majority are the same in both lists, reflecting reactions to common elements (like package design) in the ads and to the generic idea of shampoo. Deleting those adjectives largely common to both lists leaves clusters of adjectives on each list that elucidate the differences in consumers' expectations of the same product with another name. And that is usually what the marketers want to know.

In the English language, qualities of objects or experiences are largely communicated in adjectives, such as hot, rich, exciting, or gentle. By stripping away other semantic elements of language (verbs, nouns, and so forth), you reveal what you really want to know: Which candidate name creates product expectations that most closely match the marketers' goals, without the obfuscating fog of respondents' varying abilities to express ideas in complex semantic constructions and analysts' varying abilities to comprehend those constructions?

Most importantly, adjectival analysis deals with consumers' expectations of products rather than their ideas about the words we propose as candidate names. It's simple to put together, reasonable in cost, and produces a report which is understandable and defensible.

We at NameLab are linguists, not market researchers. While we did invent the linguistic structure of adjectival analysis, much of the practical organization of the method described here stems from trial-and-error refinement of our idea by researchers at a few packaged goods companies over the years. MRR



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NAMES OF NOTE

Rehecca Wilson Armstrong has joined DeNicola Research, Inc., Greenwich, CT as vice president. Previously she was a senior project director with Market Simulations. Inc. and

Yankelovich Clancy Shulman.

Panl J. Donato has joined Simmons Market Research Bureau, Inc. as vice president of technical operations for the media studies division. Previously he was an independent statistical and marketing consultant. Fleischman Field Research Inc., San Francisco, names Linda Lemon vice president and manager of its new Walnut Creek, CA office. In addition, Lisa Cbiapetta, Lisa Leftault, and Linda Leeb have been named project managers, San Francisco.





Armstrong

King

Jobn R. King has been promoted to president of Nordhaus Research, Inc., Southfield, MI. Robert L. Van Dam, founder and former president of Nordhaus Research, has assumed the position of Chairman.

Kara J. Marx and Carolyn J. Ruble have joined Concepts in Marketing Research (CIMR), St. Paul, MN as qualitative research consultants. Previously Marx was assistant to the direct marketing manager for Piper, Jaffray & Hopwood's advertising department. Ruble was field coordinator and qualitative resource person with Custom Research, Inc.

Project Research, Inc., Minneapolis, MN has hired **Phil Postal** as data processing project director. Previously he was with Custom Research, Inc. **Renee Kostner** was also hired as senior project director. Previously she was with Readex, Inc.

Wendy Higgins Hayes has been promoted to group research supervisor at Geer, DuBois Advertising, New York, NY.

With the acquisition of new interviewing facilities, Quality Controlled Services makes the following personnel announcements: Linda Goodall is mall supervisor at the River Valley Mall, Lancaster, OH; Ginny Hersch is branch manager at the Springfield Mall, Springfield, VA; and Pat Weaver is mall supervisor at the new mall interviewing operation in San Bernardino.



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StatPac

continued from p. 13

open-ended questions into the program and then interfaced with a word processor for answers to questions like "If you saw crawfish on a menu, what is the first thing that would come to your mind?" The answers were then transported back into StatPac to complete the statistical analysis.

"The results of that survey were used by our company to write a marketing plan for the Louisiana crawfish industry," says



Verne Kennedy

Kennedy. "It was a sophisticated study that required a sophisticated program."

MRI now operates three StatPac programs to handle an average of three market surveys each week. "We have additional programs, but it is considered a staple in our office. Everyone must know how to use it. In just two to three days, we can train a new employee to operate at least the basic package. We simply could not be doing the business we're doing without a program like this in place."

Kennedy played an important role in refining the StatPac program. "We expressed some specific needs we wanted to see incorporated in the package. And they were real receptive to our suggestions. I like that kind of responsiveness, because we both end up with a better product,"

Advanced program

The result of their open communication was an advanced program called StatPae Gold, to which Kennedy added a feature to suit his company's needs. "I simply added a supplemental package that produces high-impact, three-dimensional graphics, because when my clients pay for a market survey, they expect very sharp reports."

Marketing Research Institute has come a long way from writing its own programs in the late '70s. The crawfish study is just one of many large-scale projects the company has undertaken. They have completed research in all 50 states and one foreign country.

"Today we can accomplish so much more in much less time," Kennedy says. "And when crawfish becomes a household word, you'll know it all started right here in Mississippi." MRR



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CASRO

continued from p. 22

interview and the reason for each termination

- 8. Remain neutral in interviewing. Do not indicate agreement or disagreement with the respondent.
- 9. Speak slowly and distinctly so that words will be understood.
- 10. Record all replies verbatim, not paraphrased.
- 11. Avoid unnecessary conversations with the respondent.
- 12. Probe and clarify for additional comments on all open end questions, unless otherwise instructed. Probe and clarify in a neutral way.
 - 13. Write neatly and legibly.
- 14. Check all work for thoroughness before turning in to the supervisor.
- 15. When terminating a respondent, do so in a neutral way such as, "Thank you" or "Our quota has already been filled in this area, but thank you anyway."
- 16. Keep all studies, materials, and findings confidential.
- 17. Do not falsify any interviews or answers to any question.
- 18. Thank the respondent for participating in the study.

Supervision

All research projects should be properly supervised. It is the responsibility of the data collection agency to:

- 1. Properly supervise interviewers.
- 2. See that an agreed upon proportion of interviewers' telephone calls are monitored.
- 3. Be available to report daily to the project director the status of the project, unless otherwise instructed.
- 4. Keep all studies, materials, and findings confidential.
- 5. Notify concerned parties if the anticipated schedule is not likely to be met.
 - 6. Attend all interviewer briefings.
- 7. Keep current and accurate records of the interviewing progress.
- 8. Make sure interviewers have all materials in time for beginning interviewing.
 - 9. Edit each questionnaire.
- 10. Provide consistent and positive feedback to interviewers.
 - 11. Do not falsify any work.

Client billing

- 1. Invoices should be submitted in a timely manner.
- 2. Invoices should show the job name as used by the client, the client's job

number (if available), the location of the work, the basis for all charges, and (if applicable), the number of completed interviews.

3. Invoices should correctly reflect the time and charges incurred on the project, consistent with the agreement for the project.

Flexibility

Any of the standards contained herein may be changed or modified for a particular project is all three of these conditions are met;

- 1. the change does not go counter to what would generally be considered by a knowledgeable, experienced independent research firm as "good research practice:"
- 2. the client is informed of the changes, and:
- 3. all interested parties agree to the change. \overline{MRR}

Please direct questions about the guidelines or about CASRO in general to: Diane K. Bowers, Executive Director, CASRO, 516-928-6954.

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Quality Controlled Services has just completed the acquisition of interviewing facilities at the River Valley Mall in Lancaster, OH, and the Springfield Mall in Springfield, VA. Additionally, the company opened a new mall interviewing operation in San Bernardino, CA.

As of March 15, 1989, Fleischman Field Research opens its Walnut Creek,

CA office at 1655 No. Main St., Walnut Creck, CA 94704. Telephone the San Francisco office at 415-398-4140 for more information.



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Custom Research Inc., has affiliated with NOP Market Research, London, to market two of CRI's new product research services, CRITERION and CRITIQUE in the United Kingdom.

Schofield & Associates, Inc. has announced the opening of a new marketing research company to serve San Antonio and South Texas. The company's offices are located at 1017 North Main, Suite 333, San Antonio, TX 78212.

Little Rock, AR-based Area Market-



ing/Research Associates have adopted a new name and moved into new facilities. Now known as Sygnis, the company is located at Two Financial Centre, Suite 401, 10825 Financial Pkwy., Little Rock, AR 72211. Telephone 800-345-7984, or 501-661-7000.

McCollum/Spielman International, Great Neck, NY, and Teenage Research Unlimited (TRU), Northbrook, IL, announce the association of the two companies.

PRODUCT AND SERVICE UPDATE



Data entry scanning program for PC

DigiData Entry Systems announces a new data entry scanning approach for market researchers. Using a hand-held

scanner, the DigiData "Magic Wand" Data Entry System reads information from printed questionnaires, converts it to typical data entry information and prints the information to a computer disk. The system uses a hand seanner and specially developed software to transfer information from the printed page to the computer.

"Using our system, market researchers will be able to scan a typical questionnaire page in under 10 seconds," says John Chidester, DigiData managing partner.

The system requires some special layout of questionnaire forms, but no special forms are needed. The layout can be accomplished by typesetter, printer, or desktop publishing system. In addition,

MagicWand

respondents don't need to use special markers to fill out the questionnaires;

black or blue markers, pens or pencils will suffice.

The scanner can "see" a swath about

four inches wide and up to four-

teen inches long and picks up checked boxes, translating them into data according to a definition file created by the user for each project. Multi-page questionnaires can be handled by the system with the program automatically recognizing which page is being scanned from marks pre-printed on the questionnaires. In addition, the system can automatically number forms or the user can manually assign form numbers at the start of each form scan.

The program requires an IBM XT, AT, PS2, or compatible with 512K RAM and one free slot for the expansion card which drives the scanner. For more information contact: DigiData Entry Systems, 9637 East Gold Dust Ave., Scottsdale, AZ 85258. Telephone 602-391-0552.

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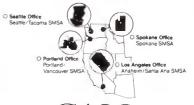
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Polident

continued from p. 7

Block usually uses a bonus pack offer that gives the consumer extra product for the regular price. These promotions draw strong support from retailers, who recognize their popularity with consumers.

"Again, being in a commodity type business, where price is critically important," Schrank says, "a promotion which has a lot of immediate value-added impact does well. The consumer clearly perceives it as a great value. They don't have to send away for anything and it's something that everyone can use, versus another offer that may only be of selective interest to a certain group. So it's got universal appeal."

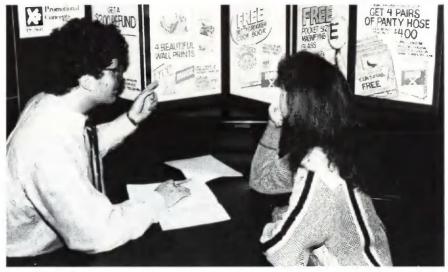
Preliminary phase

For the preliminary, one-on-one phase, respondents (typically 50-plus year old denture wearers who use one of the major denture cleanser brands) are asked their brand preference up front and then they are shown several (between 15 to 20) ideas on concept boards. In addition to being asked to rank order them, they are asked "If the concept they liked the best appeared on a box of Polident, would they be interested in buying it?"

Because the respondents are asked beforehand about their brand preference, Schrank says, this phase of the research gives Block "a sense of whether there is any crossover from the competitive brands and you also see how well it does with the Polident users."

For the mail survey, the top promotional ideas are made into mock-up boxes

This master sheet, along with a cover letter and instructions, is mailed to consumers who have indicated in a survey that they use denture cleansers (either Polident or a competitor) or have returned a card that is randomly included in



Administering the Pro-Sort test

that look exactly as they would on store shelves. They are placed on a master sheet, approximately two feet by two feet, which has pictures of eight identical boxes of Polident on it, each bearing a different graphics flag for the promotions ("free denture bath," "save 50 cents," "win a free trip to Hawaii"). Under each of the boxes is a two-line description of the major elements of that deal or promotion.

boxes of Polident which Block uses for research purposes. As an incentive to return the survey promptly, the respondents are given a chance to win cash prizes in a drawing.

Along with providing demographic data, they are asked to name the promotion they find most appealing and tell why, listing primary and secondary reasons, doing the same for the promotion they found least appealing. All items are

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ranked based on uniqueness, order of appeal, and purchase intent.

Analysis

The responses are sent to Oxtoby-Smith for analysis, who then supplies Block with results. "Oxtoby provides us with a rank order of the promotions tested and then the groupings of those promotions (by score) and how one group might differ in purchase behavior versus another," Schrank says.

"The Pro-Sort methodology is a much more discriminating methodology that enables us to look at, for example, the top five or six ideas and see whether there are any meaningful statistical differences between these ideas. And that's something we were never really able to do before," Schrank says.

For example, a promotion may rank number two, but this doesn't mean it ranks just below number one; there could be a great difference between them. Before Pro-Sort, Schrank says, he couldn't be sure if he was getting the cream of the crop or if he was just selecting from a group of unsatisfactory concepts.

"(Pro-Sort) really did start to differentiate whether these were good ideas or bad ideas, relative to the control, and it

"It's one thing to say 'This was number one, and this was number ten,' but it's a lot more effective for us to know that number one was an acceptable situation and that (those promotions) from number two on were clearly unacceptable."

Charles Schrank

provides a more powerful analysis than what we've been able to get in past studies. It not only measures appeal and uniqueness but it more effectively coordinates two scores against purchase intent. Between those three values it provides more linear scaling; it measures the distance between the ranks. It's one thing to say 'This was number one, and this was number ten,' but it's a lot more effective for us to know that number one was an acceptable situation and that (those promotions) from number two on were clearly unacceptable."

An example of this came from the recent research, which showed only one of the ideas to be satisfactory. There was a great deal of difference in approval between the promotion at the top of the list and those below it.

"This research indicated that number one was the only promotion that met the criteria of being equivalent to the control; the other items fell far below it. While they may have been numbers two, three, and four, they were really unsatisfactory."

Refining the process

Armed with information on which pro-

continued on p. 38

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The Answer Group

11161 Kenwood Rd. Cincinnati, OH 45242 513/489-9000 Contact: Maribeth McGraw Consumer, HealthCare, Prof., Focus Groups, One-On-Ones

Arbor, Inc.

3401 Market St. Philadelphia, PA 19104 215/387-5300 Contact:Kathy Hammersla, Ph.D. 25 Years Service in Industry. Qual/ Quant Ad Hoc Research.

Bilingual Unlimited Research

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619/583-6243
Contact: Luz Pereira
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Brand Consulting Group

17117 W.Nine Mile Rd./Ste. 1020 Southfield, MI 48075 313/559-2100 Contact: Milton Brand Consumer, Advertising Strategy, New Product Strategy Research

Burke Marketing Research, Inc.

800 Broadway Cincinnati, OH 45202 513/852-3789 Contact: Norman Ussher Natl Network of Moderators:Hi-Tech/Finance/Child/Older Adult Consumer/Industrial Rsch Svce

600 North Jackson St. Media, PA 19063 215/565-6222 Contact: James D. Lewis Health Care; Agri-Bus; Ind; Trad'l; Tele; One-On-One

Consumer Opinion Services

12825-1st Ave. South Seattle, WA 98168 206/241-6050 Contact: Jerry Carter Consumer, Business Groups and One-On-Ones

Creative Marketing Solutions, Inc.

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Creative Research Associates, Inc.

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2600 Maitland Ctr. Pkwy/Ste. 170 Maitland, FL 32751 305/660-8878 Contact: Nancy McAleer Consumers, Physicians, Tourists, Executives, Ads, 13 Yrs. Exp.

The Data Group/IRI

2260 Butler Pike Plymouth Meeting, PA 19462 215/834-2080 Contact: Maria Krieger, Ph.D. Expertise In Qual. Res. Design, Implementation & Analysis

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Contact: Phyllis Rosenberg
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94 Lincoln St. Waltham MA 02154 617/647-0872 Contacts: Reva Dolobowsky Experts In Idea Generating Groups,In-Depth Interviews

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DTW Marketing Research Group

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Far West Research, Inc.

1315 23rd Avenue San Francisco, CA 94122 415/564-8923 Contact: Cliff Levy Product/Pkging Advg & Social. Concepts / 30 Yrs. Prof. Exp.

Fedder Research

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Contact: Jack M. Reynolds
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Langer Associates, Inc. 19 W. 44th St., Ste. 1601 New York, NY 10036 212/391-0350 Contact: Judith Langer Spec. In Qual. Rsch. On Mktg. & Lifestyle Issues

LaScola Qualitative Research 3701 Connecticut Ave., N.W. Washington D.C. 20008 202/363-9367 Contact: Linda J. LaScola Public Affairs, Healthcare, Telecommunications, Financial

Marketeam Associates 555 No. New Ballas Rd. St. Louis, MO 63141 Contact: Richard Homans Financial Services, HealthCare, Consumer, Pkgd Goods, Agric

Market Research Institute 7315 Frontage Rd./Ste. 200 Merriam, KS 66204 913/236-6060 Contact: Trish Benskin Grt Kansas City;Full Svce; Exp:Cons/Fin/Ind/Health Care

Market Views Research, Inc. 1215 Hightower Trail, D-150 Dunwoody, GA 30350 404/992-1289 Contact: Dan Brown Advertising, Decision Makers Marketing Quality Circles

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YOUTH

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Polident

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motions work and which don't, Schrank says, Block can use time and money more efficiently, by refining the process of creating and implementing promotions. "As time goes on we're going to definitely use this not only to evaluate ideas after they've been developed but as a key criterion in the development of new ideas."

For example, in the coming year Schrank says, Block plans to share the research data with its promotion houses,

letting them know which ideas work and which don't. "We'll go to them and say 'You can distill out of this which programs continue to come up toward the top, and based on that, those are the types of programs that we'd like you to come back to us with, and here are the ones that have typically tested (poorly), so don't bring those back," he says.

In addition to assessing which promotions have the best chance of working, it also lets the company justify expenditures. The programs typically cost between \$75,000 and \$500,000, and if an

inexpensive promotion scored as well as an expensive one, Schrank can go with the less expensive choice and save money. Also, if an expensive campaign tests well, he can justify the expenditure to management, knowing that the test results indicate the program will get a good response and is worth the money.

"I can select what we hope are meaningful ideas that are less expensive to execute then our best promotion and be reasonably assured that their impact in the marketplace will be as good as that control promotion." MRR

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Travelers

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Australia ranks with Canada, the Caribbean, and Continental Europe as the tourist destinations that Americans overall would most like to visit, but the Caribbean and Continental Europe rank as the top tourist destinations among people who are likely to travel in the next year. Fewer than three Americans in ten attach strong importance to such factors as the availability of shopping, opportunities for family activities, the number of tourists visiting the location or the presence of gambling casinos when selecting a vacation destination

Americans likely to travel abroad appear to be a hardier, more free-spending group than those unlikely to go overseas. Likely travelers are less concerned with whether English is spoken in a potential destination, with the cost of airfares, or with safety risks.

Both Australia and the Caribbean appear to be destinations with a particularly strong appeal to younger Americans. People between 18 and 35 years of age are much more likely than older Americans to find Australia a particularly interesting place to visit. People with teen-age children are another group that finds the island continent an especially appealing travel destination. Interest in traveling to the Caribbean is determined even more decisively by age. The youngest group of potential travelers, those aged 18-24, is most strongly attracted to vacationing in the Caribbean.

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The Accutab Company 125 Marsellus Garfield, NJ 07026 201-546-7100 Section I

Acquadata Entry Services Inc. 3040 E. Tremont Avenue Bronx, NY 10461 212/824-8887 Section I,III

Adapt, Inc. 6133 Blue Circle Dr., Ste. 100 Chanhassen, MN 55343 612/939-0538 Section I

Analytical Computer Service, Inc. 640 No. LaSalle Dr. Chicago, IL 60610 312/751-2915 Branch:

- 8687 E. Via de Ventura Scottsdale, AZ 85258 602/483-2700
- 2001 S. Barrington Ave. Los Angeles, CA 90025 213/479-3777
- 434 Sanford Ave.
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Analytical Consultants Inc. 4 West Trail Stamford, CT 06903 203/329-1355 Section II, IV

Ashton-Tate/Master Graphics 1000 Bridgeport Ave Shelton, CT 06484 203/925-5600 Section III Baxter Management Services 1 Baxter Pkwy., DF3-3E Deerfield, IL 60015 800/535-8888 Section III

BMDP Statistical Software, Inc. 1440 Sepulveda Blvd., #316 Los Angeles, CA 90025 213-499-7799 Section II, III, IV

Bolding Tab Service, Inc. 22 Sachem Street Norwalk, CT 06850 203/847-1108 Section I

Bretton-Clark 516 Fifth Ave., Suite 507 New York, NY 10036 212/575-1568 Section III

Britz Publishing Co. 1814 Capitol Towers Bldg, Jackson, MS 39201 601/354-8882 Section IV

Business Foreeast Systems, Inc. 68 Leonard Street Belmont, MA 02178 617-484-5050 Section III

Business Research & Surveys
50 Greenwood Avenue
West Orange, NJ 07052
201/731-7800
Section III
(See Advertisement on Page 53)

CACI 3040 Wiulliams Dr., 6th Flr. Fairfax, VA 22031 703/698-4800 Section III

Caliper Corporation 1172 Beacon Street Newton, MA 02161 617/527-4700 Section III, IV

Claritas Corp. 201 No. Union St., 2nd Flr. Alexandria, VA 22314 703-683-8300 Section I, II, III

Coffman Systems, Inc. 13140 Midway Place Cerritos, CA 90701 213/926-6653 Section IV

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Computer Associates, Inc. 1 Tech Drive Andover, MA 01810-2497 508/685-1400 Section IV

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- Kettering Twr., Ste. 1910
 Dayton, OH 45423
 513/228-2652
- 1800 Grant St., Ste. 370
 Denver, CO 80203
 303/860-1811

Section I, II, III, IV (See Advertisement on Page 41)

Computer Strategies, Inc. P.O. Box 88039 Atlanta, GA 30338 404/668-9021 Section III

Concurrent Mktg. Sys. 205 State Road Princeton, NJ 08540 202/363-6226 Section III

Consulting, Hardware & Processing, Inc. 1393 Old Trenton Road Trenton, NJ 08690 609/586-8577 Section I, III, IV

Consumer & Professional Research, Inc.
3612 W. Lake Street
Wilmette, IL 60091
312/256-7744
Section I, II
(See Advertisement on Page 22)

Consumer Pulse, Inc. 725 South Adams Birmingham, MI 48011 800/336-0159 Branch: White Marsh Mall 8200 Perry Hall Blvd. Baltimore, MD 21236

 Eastland Mall
 5625 Central Avenue Charlotte, NC 28212

- 4301 Ridge Road Cleveland, OH 44144
- Citadel Mall 750 Citadel Drive East Colorado Springs, CO 80909
- Lakeside Mall
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- Galleria at South Bay 1815 Hawthorne Blvd. Redondo Beach, CA 90278
- The Grand Avenue Mall 275 West Wisconsin Ave. Milwaukee, Wi 53203
- Plymouth Meeting Mall, #2203
 Plymouth Meeting, PA 19462
- 8310 C Old Courthhouse Road Vienna, VA 22180
- Forest Fair Mall
 514 Forest Fair Drive
 Cincinnati, OH 45240

Section I (See Advertisement on Page 56)

Coremat, Inc. 1707 81st Street No. Bergen, NJ 07047 201/861-2934 Section I

CRC Information Systems, Inc. 435 Hudson Street New York, NY 10014 212/620-5678 Branch:

 70 E.Lake St. Chicago, IL 60601 312/443-1120

• 13 Riverside Ave. Westport, CT 06880 203/222-0838 Section I, II, III, IV

Creative Computer Services 10804 No. Stemmons Freeway Dallas, TX 75220 214/358-4493 Section I

Creative Research Systems
15 Lone Oak Center-Dept. K
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Data Lab Corp. 7333 North Oak Park Ave. Niles, IL 60648 312/647-6678 Section I,II

Dataiogies 6085 Route 263 Solebury, PA 18963 215/794-7486 or 800/992-0422 Section I, II, III (See Advertisement on Page 51)

Datamap, Inc. 6436 City West Pkwy. Eden Prairie, MN 55344 612/941-0900 Section III

Datan, Inc. 79 Tamarack Circle Skillman, NJ 08558 609/921-6098 Saection II

Datanetics 114 No. Beatry St. Pittsburgh, PA 15206-3002 412/363-3282 Section I, II, III

Data Probe, Inc. 770 Broadway New York, NY 10003 212/475-7800 Section I

Data Tabulating Service, Inc. 3323 Chamblee-Dunwoody Rd. Chamblee, GA 30341 404/455-0114 or 800/248-3776 Section I, II

Data Tactics, Inc. 555 Presidential Blvd., Ste. 430 Bala Cynwyd, PA 19004 215/668-1660 Section I, II

Data Vision Research, Inc. 29 Emmons, A-2 Princeton, NJ 08540 609/987-0565 Section 1, II

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Detail Technologies, Inc. 29 Emmons Drive, Bldg. A-2 Princeton, NJ 08540 609/452-8228 Section III

Devcom Mid-America Inc. 2603 W. 22nd St., Ste. 23 Oak Brook, IL 60521 312/574-3600 Section IV

DigiData Entry System
9637 E. Gold Dust Avenue
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Section III, IV
(See Advertisement on Page 50)

DigiSoft Computers 245 E. 92 Street New York, NY 10128 212/289-0991 Section II

Donnelley Marketing Information Services 70 Seaview Ave/P.O. Box 10250 Stamford, CT 06904 203/353-7474 Branch;

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ECF Systems Development 31955 10th Ave. Laguna Beach, CA 92677 714/499-5135 Section III (See Advertisement on Page 43)

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Gene Essman & Associates P.O. Box 612334 Littleton, CO 80162 303/933-0765 Section III

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FacFind, Inc. 2101 E. Rexford Rd., Ste. 123 Charlotte, NC 28211 704/365-8474 Section III

Ferox Microsystems, Inc. 1701 N. Ft. Meyer/Ste 1205 Arlington, VA 22209 703/841-0800 Section III

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GMD Incorporated 8601 Dunwoody Pl., Ste. 420 Atlanta, GA 30350 404/587-0934 Section IV

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IMSI 1299 Fourth Street San Rafacl, CA 94901 415/454-7101 Section III

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R. Isaacs Computing Assoc., Inc. 320 N. Broadway Hicksville, NY 11801 516/822-1444 Section I

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Leadtrack Services 595 Colonial Park Dr., #302 Roswell, GA 30075 404/587-0412 Section III

Leibowitz Market Research Assoc. One Parkway Pl/Ste 110 Charlotte, NC 28217 704/357-1961 Section III

LPC, Inc. 1200 Roosevelt Road Glen Ellyn, IL 60137-6098 312/932-7000 Section IV

McCarthy Associates 5775 So. Bay Rd. Clay, NY 13041 315/458-9320 Section I, II

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MapInfo Corp. 200 Broadway Troy, NY 12180 518/274-8673 Section III

M/A/R/C, Inc. P.O. Box 650083 Dallas, TX 75265-0083 214/506-3400 Branch:

 1025 Thomas Jefferson Street NW Washington, D.C. 20007 202/337-4733
Section III, IV

Maritz Marketing Research 6800 France Avenue South Minneapolis, MN 55435 612/922-0882 Sections II,III (See Advertisement on Page 9)

Market Action Research Software, Inc.

Bus. Tech. Ctr., Bradley University Peoria, 1L 61625 309/677-3299 Section II, III (See Advertisement on Page 48)

Marketeam Associates P.O. Box 41902 St. Louis, MO 63141 314/569-1324 Section I, II (See Advertisement on Page 22)

Marketing Data Research 8103 104th St., N.W. Tacoma, WA 98498 206/588-4149 Section III

Marketing Information Systems, Inc. 906 University Place Evanston, IL 60201 312/491-3885 or 800/523-5883 Section III, IV

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Market Probe International, Inc. 444 Park Avenue South, 6th Fir. New York, NY 10016 212/532-3113 Section I, II, III, IV (Sec Advertisement on Page 58)

Mar-Rel Analytics, Inc. P.O. Box 39506 Rochester, NY 14604 716/265-1179 Section I, II, III

Market Share Modeling, Inc. P.O. Box 5076 Madison, WI 53705 608/233-6410 Section III

Mastersoft, Inc. 4621 N. 16th St., Ste. B-210 Phoenix, AZ 85016 602/277-0900 Section III

Matrix, Inc. 3490 US Route 1 Princeton, NJ 08540 609/452-0099 Section I, II, III

Microtab, Inc. P.O. Box 472 Newton, NJ 07860 201/579-1984 Section I, III Mitchell Management Systems Westborough Office Park 2000 West Park Drive Westborough, MA 01581 508/366-0800 Section IV

MPSI Systems, Inc. 8282 So. Memorial Dr. Tulsa, OK 74133 800/331-3886 Section IV

National Computer Systems 11300 Rupp Drive Burnsville, MN 55337 612/830-7812 Branch:

 Information Services 2510 No. Dodge St. Iowa City, IA 52244 319/354-9200
 Section I, III (See Advertisement on Page 19,20)

National Planning Data Corp. 20 Terrace Hill/P.O. Box 610 Ithaca, NY 14851-0610 607/273-8208 Section III

New Dimensions Data Group 347 Fifth Ave. New York, NY 10016 212/685-5660 Section I

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Processing Consultants In Marketing 40 Broad Ave. Palisades Park, NJ 07650 201/941-4800 Section I

Pros & Cons, Inc. 6917 Arlington Rd., Ste. 215 Bethesda, MD 20814 301/951-8441 Section III

P-Stat, Inc. P.O. Box AH Princeton, NJ 08542 609/924-9100 Section II, III, IV Pulse Analytics, Inc. P.O. Box 116 Ridgewood, NJ 07451 201/447-1395 Section II, III

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Section I, II, III, IV
(See Advertisement Page 49)

Eric Ramon 168 1/2 8th Avenue San Francisco, CA 94118 415/386-5746 Section I

ReData, Inc. 6917 Arlington Rd. Bethesda, MD 20814 301/951-4484 Section 1, II

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Section III
(See Advertisement on Page 52)

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Allan D. Shocker DJ-10,Mackenzie, Un. Wash. Seattle, WA 98195 206/543-4369 Section IV

Sigma Research Co. 1275 15 Street Ft. Lee, NJ 07024-1950 201/886-0550 Section I, III, IV (See Advertisement on Page 26)

Significant Statistics 3336 North Canyon Road Provo, Utah 84604 801/377-4860 Section III, IV

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Dr. Scott Smith 666 TNRB, Brigham Young Univ. Provo, UT 84602 801/378-5569 Section III

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• 500 No. Michigan Ave., Ste. 1920 Chicago, IL 60611 312/661-0825 Section 1, II, III (See Advertisement on Page 38)

SPAR, Inc. 580 White Plains Road Tarrytown, NY 10591 914/332-4100 Sections III JV

Dwight Speneer & Associates, Inc. 1290 Grandview Avenue Columbus, OH 43212 614/488-3123 Section I, II

Spring Systems P.O. Box 10073 Chicago, IL 60610 312/275-5273 Section III

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444 No. Michigan Avenue
Chieago, IL 60611
312/329-2400
Section II, III, IV
(See Advertisement on Page 5)

Stars, Inc. 4 Dubon Ct. Farmingdale, NY 11747 516/694-7600 Section I

Statistical Innovations Inc. 375 Concord Ave, Belmont, MA 02178 617/489-4490 Section II, III, 1V

Stolzberg Research, Inc. 3 Seabrook Court Stony Brook, NY 11790 516/751-4277 Section III

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Watertown, MA 02172
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Section I, II, III
(See Advertisement on Page 55)

STS, Inc. 1218 Massachusetts Avenue Cambridge, MA 02138 617/547-6475 Section I, II

STSC,Inc. 2115 E. Jefferson Street Rockville, MD 20852 301/984-5000 Section III

Suburban Associates 579 Franklin Tumpike Ridgewood, NJ 07450 201/652-2223 Section I.III

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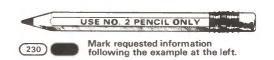
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CONSUMER PULSE, INC.-Marketing research data tabulation and set-up of computer interviewing using Sawtooth Software's Ci2, CATI, ACA, APM and Ci2 coder. Trained personnel for coding, data entry, tabulations and statistics. Data transfers and report transfers use modem data collection for mall, WATS, local telephone prerecruits and executive interviewing in 11 major markets using IBM computers. Now with laptops for portable recruiting.

CREATIVE RESEARCH SERVICES-Established in 1982. Offers a complete data processing service. Finished tables can be supplied on diskette or printed on a laser printer. Data entry is separately priced. Clients ean also be provided complete instruction file to do further analysis on a microcomputer using THE SURVEY SYSTEM, our tabulation software.

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NATIONAL COMPUTER SYSTEMS-Information Services is a full service computer service bureau offering optical mark reading and data processing of large scale surveys, educational tests, Pell Grant processing, Guaranteed Student Loan Processing, etc.

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DATALOGICS-Technical consulting services are offered for the marketing sciences including conjoint analysis, perceptual mapping, price elasticity, and data tabulation. Computer science projects are also accepted for programming, database applications, or system analysis.

MARITZ MARKETING RESEARCH-Provides the full range of statistical analysis.

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MARKET PROBE INTERNATIONAL-Have a professional staff(15) of software systems and client support specialists experienced in market research, database management and administration of employee incentive programs.

PINE COMPANY-Have a staff of research professionals with a commitment to service and quality.

QUANTIME-Offers full statistical analysis services. staff size: 75+; Years in business: 10

SOPHISTICATED DATA RESEARCH-Offers assistance in sampling, multivariate analysis services, statistical consulting as well as offering workshops/seminars in statistical analysis procedures.

STRAWBERRY SYSTEMS, INC.-Specializes in statistical analysis of research data. Staff includes programmers, each of whom have several years experience in computer science.

SPSS, Inc.-SPSS TechLink™ provides an SPSS technical consultant on an hourly basis to solve problems involving SPSS software. This service is aimed at those tasks which are too complicated to be handled during a regular technical support eall.

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SECTION III

SOFTWARE PROGRAMS FOR USE WITH PC'S

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COMPUTERS FOR MARKETING CORPORATION-PC SURVENT: Modular PC-based system for conducting computer-assisted interviewing, whether stand-alone (malls) or networked(telephone centers). Various modules enable users to write and administer questionnaires using complex logic conditions, lengthy response lists, etc. Network mode enables supervisor monitoring, on-line quota control, and other telephone interviewing requirements. NANOPUNCH:Key-To-Disk data entry system for IBM-PC's and

compatibles. Designed to simulate the familiar IBM keypunch (including keyboard layout, use of "drum eards", etc.) for rapid, columnar-style data entry needs. Accepts single or multi-punched, alpha, numeric, or alphanumeric data, fields, ranges, etc. EZWRITER: An easy way for non-experts to compose a questionnaire for computer interviewing-complete with skips, logic, numeric ranges, acceptable punches. Help screens are provided. Questions may be changed, deleted or added with no effort. MENUMENTOR: A menu-driven table creation program to run on PC's, designed for project directors, it allows one to select from menus and answer questions to prompt you through a table building session.

CREATIVE RESEARCH SYSTEMS-THE SURVEY SYSTEM: A complete program for all phases of survey research. Oue easy-to-create set of instructions can be used to print a questionnaire form, conduct a telephone or computer-directed interview and produce finished tables, bars charts, statistics and text reports. The program has evolved through a six-year dialog with clients. THE SUR-VEY SAMPLER: Creates random-digit telephone samples. The program is simple to learn and use. It can exclude individually specified numbers or blocks of numbers from a sample. It produces call lists in two easily customized forms and can also put lists of numbers into a disk file for use by other software.

DATALOGICS-RxCON ConJoint Program: Novice users can conduct sophisticated studies. Built-in plan generator, graphics, help key; large user community. RxTAB Crosstab System: Unlimited banner and cases. Easy to use and handles all data types including "open-ends." Stat module with 33 programs included. Data entry through tabulation. RxMap Perceptual Mapping: Vector or MDSCAL procedures. CRT data entry; graphics output to screen or laser printer. Output to matrix printer as well.

DIGIDATA ENTRY SYSTEM-A unique method for transferring information from printed questionnaires to computer readable disk file. The system use a Digitizing tablet. By placing a form on the tablet and going over the form with a mouse-like puck, information is 'read' into the computer. Very little training is needed to enter information, effectivelly reducing and speeding up data entry costs. Datafiles are readable by all major data analysis programs.

ECF SYSTEMS DEVELOPMENT-FOCUS FMS manages focus facility scheduling, respondents, recruiting and clients. It tracks job schedules and recruiting atatus. It prints group sign-in sheets, confirmation letters and demographic questionnaires. The software maintains information on an unlimited number of respondents. They can be selected on 60 demographic criteria and past group participation. 40 demographics are custom definable by users.

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MARKET PROBE INTERNATIONAL-CASI (Computer Assisted Self-Interviewing station): A stand-alone interviewing station suitable for self-administered questionnaires. Responses can be accepted either via a keyboard or a lightpen(w/EGA monitor). All data is accessible on an immediate basis. STAMP: A PC version of our mainframe tabulation system.

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SAWTOOTH SOFTWARE, INC.-Ci2 SYS-TEM: Creates and administers questionnaires using IBM PC's and compatibles. Writer controls questions type, skip patterns, randomization, acceptable responses and screen colors. Results analyzed using any crosstab or statistical software. perceptual Links to conjoint or mapping.ADAPTIVE CONJOINT ANALYSIS SYSTEM: Used to design products and services or answer strategic marketing questions. Includes all software needed to set up computer administered questionnaire, obtain respondent trade-offs and simulate the impact of new or redesigned products. Runs on IBM PC's or compatibles. ADAPTIVE PERCEPTUAL MAPPING SYSTEM: Used to understand how products or services compare to their competitors on image-related issues. System

offers capability to simulate market response to changes in product image. Includes computer administered questionnaire, discriminant analyzer, map plotting and simulator. Runs on IBM PC's or compatibles. Ci2 CATI SYSTEM: Computer-aided interviewing system using IBM PC's and compatibles connected by local area network. Offers automatic call management, auto-dialing, quota control, disposition monitoring and interviewer productivity reporting. Generate sample manually, household +1, randomly, or transfer from Survey Sampling disks. For 6-60 interviewing stations. Controls 24 studies simultaneously. CONVER-GENT CLUSTER ANALYSIS SYSTEM: PCbased software for grouping survey respondents with similar characteristics into identifiable "clusters" for strategic target marketing. Market seg-

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Systat, Inc.

SAMPLE WEIGHTING

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Corrections

The following listings were inadvertently omitted from the December, 1988, Focus Group Research Facilities Directory:

KPC Research 908 South Tryon Street Charlotte, NC 28202 704/379-6342 1,3,6,7B Shiloh Research Associates, Inc. 4215 No. Main Street, Ste. 208 Dayton, OH 45405 513/275-5308 1,3,4,6,7B

The following listing was inadvertently omitted from the May, 1988, Telephone Interviewing Directory:

Innovative Query, Inc. 8687 East Via DeVentura, #216 Scottsdale, AZ 85258 602/483-7505 18-16-16-0

Trade Talk

continued from p. 62

owners, reporters, librarians, clergymen and typical residents, to gain insight into their lives. He takes this information and, using the clusters as a guide, incorporates consumer and economic trends with historical, political, and pop cultural information to paint a vibrant picture of the U.S. and its people.

In the context of broader categories and issues such as spending habits, employment, relationships and family structure, leisure time, and politics, he shows us towns like Coon Rapids, Minn., a Blue-Chip Blues neighborhood where the good life is a family car, a deck in the backyard and nice dinner out once in awhile; and Dalton, Georgia, a Norma Rae-Ville cluster where life isn't quite so comfortable for many of the townspeople, who spend their lives trying to make a living in minimum wage jobs.

In addition to numerous charts and cluster maps on everything from voting habits to mayonnaise preference. Weiss provides quick-reference-style capsule views of each of the 40 clusters, giving information on demographics, politics, and tables of preferences in lifestyle, food, magazine/newspaper, automobile, and television show choices. The section "Changing Clusters" looks at how each new batch of census data has altered the PRIZM system by adding new clusters and eliminating those that are no longer relevant. Weiss also offers some predictions on what changes the upcoming 1990 Census will bring.

A particularly useful chapter for marketers and those involved with research is "The Myth of the Average American," in which Weiss looks at the "unshakable dominance of the Average American in marketing research," questioning just how average life is in Middle America, and whether the region's values should be so easily assumed to mirror those of the rest of the country.

Also, for those who are bombarded daily with statistics on the American Public, *The Clustering of America* provides a valuable look into the lives of the people whose tastes and decisions are represented by those numbers. It's the use of this kind of information, according to recent *Advertising Age* article (Feb. 13, p. 3)-which blames some recent marketing blunders on a lack of insight into consumer tastes-that could be the difference between the success and failure of a marketing campaign.

And, without conjuring up strains of "The Star Spangled Banner" here, it's just plain interesting to find out how other U.S. citizens feel about life in the United States. One of the most enjoyable things about the book is finding out how you're different-and similar-to the people in your cluster.

Because although we Americans like to flaunt our individuality, as Weiss points out, "For all our local idiosyncrasies, *The Clustering of America* shows that neighborhoods separated geographically can be virtually identical in lifestyle. California and New Jersey may be thousands of miles apart, but the cluster system illustrates that Palo Alto and Princeton have much in common. Both classified as Money & Brains communities, they share a populace of white-collar professionals and technocratic executives, swank homes valued at more than \$200,000, and high subscription rates to *Architectural Digest* and *Town & Country*. Perrier fizzes in their fridges. Invitations to Republican fundraisers arrive in the mail. On a cluster map, people who live 3,000 miles apart yet share the same neighborhood type have more in common with each other than with those people who live only three miles away." MRR

TRADE TALK

By Joseph Rydholm managing editor



Book provides valuable insight into U.S. lifestyles

t's been said that you are what you eat. Welf, the folks at Claritas Corp. have added a few adages of their own to that thought. Such as, you are what you read, what you watch, what you drive, and, most importantly, where you live.

In his book *The Clustering of America* (Harper & Row), author Michael Weiss looks at the United States through the lens of PRIZM, the target marketing system developed by Claritas that uses U.S. Census Bureau data and a variety of consumer surveys and opinion polls to create 40 distinct lifestyle depictions of America's 250,000 neighborhoods.

As a precursor to PRIZM, Claritas founder Jonathan Robbin

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introduced the Claritas Cluster System in 1974, which gave each of the 40 segments a descriptive name to indicate the lifestyle of its inhabitants (e.g. Shotguns & Pickups, Norma Rae-Ville, Furs & Station Wagons). In addition, each cluster

received a ZQ (or ZIP Quality) rating, which is described as a "socioeconomic ranking based on income, home value, education and occupation-a kind of pecking order of affluence." For example, Blue Blood Estates is at the top with a ZQ of 1, and Public Assistance is at the bottom with a ZO of 40. This was followed up in 1978 by PRIZM (Potential Rating Index by ZIP Markets), which



uses media, product, and opinion surveys to further define the clusters.

The book is an entertaining, thorough, and engrossing trek across the country that shows how much can be learned about a community by determining which magazines they subscribe to, catalogs they order from, and beverages they drink. We are a nation of consumers, after all, and whether we like it or not, much of how we define ourselves comes from the things we buy.

Weiss makes it clear that you're doing more than just ordering a sweater when you call the toll-free number in your Land's End catalog, or send off a check for that subscription to *Field & Stream*. You're making a lifestyle statement.

Though Weiss discusses the theory behind the cluster system and some of the many uses it has been put to, his primary interest is sociological. Between December 1985 and February 1987, he crisscrossed the country, traveling to 75 communities, racking up 50,000 miles of airplane and automobile travel in the process. In each town he talked to community leaders, store

continued on p. 61

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Manager, <u>ICIPharmaceuticals</u>

 Outstanding! Will recommend for the entire professional staff at Ford. Extremely helpful for doing my job. Excellent, well laid out (manual).

Project Manager, Ford

- Fabulous seminar. Covered a wide range of difficult information in only three days. I lelt a very personalized learning experience — all due to the (speakers) vibrant, one-on-one communication style.
 President, Marketing Consulting Company
- 4. Excellent Covered more information in more detail and certainly more immediately useful methodology than the two semesters of business research methodology that I had just completed in an MBA program. Exciting, energetic, knowledgeable and effective presentation.

 Opportunity Analyst, Dow Chemical

5. Fantastic! Even though I have an M.S. in stats, I have never had such a clear picture of how to apply stat techniques before. Wonderful examples to explain the theories, ideas, philosophies—superb (speaker)! Helped to motivate me to expand my use of different techniques and explore more possibilities.

Market Research Analyst, Consumer Power Company
6. Great seminar. Concentrated — pratical — directed. Engaging (speaker) — it is exciting to have direct contact to such talent.

Market Officer, Marine Midland Bank

- 7. Excellent exactly what I was looking for. No doubt that (the speaker) knows material inside and out, easily accessible, applied situation in real life to what we were learning.

 Project Manager, Procter & Gamble
- I can't say enough. I am much more prepared to understand the analysis needs and interpret the results effectively. Thank you. Nothing was a waste of time.

9. Outstanding seminar. I learned a great deal and this seminar tied together a great deal of information that I had been exposed to but never trained in. Outstanding (speaker) used a lot of analogies that helped with the understanding of a lot of concepts. This course made marketing research more interesting to me.

Market Planner, Corning Glass Works

 Covered exactly the kinds of issues we face in advertising research, and more important, the material was made very understandable because of the context in which each tool was described. The speaker can't be beat.

V.P., Group Research Director. Leo Burnett Advertising



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13 Applications of Marketing

	Octionale of scitting
	Described Mandage of the Describe
1.	Practical Marketing Research
	Boston Jan. 9-11
	San Francisco Feb. 6-8
	New York Feb. 27-Mar. 1
	Chicago Mar. 29-31
	Philadelphia Apr. 17-19
	Cincinnati May 8-10
	Atlanta May 22-24
	Toronto June 19-21
2.	Toronto June 19-21 Introduction to Marketing
4.	Research
	Cincinnati Mar. 22-23
	Orlando June 19-20 Marketing Research for
3.	Marketing Research for
	Decision Makers
	Hawaii Jan. 17-18
	Cincinnati May 2-3
4.	Questionnaire Construction
	Workshop
	New York Jan. 17-18
	Cincinnati Feb. 27-28
	Chicago April 4.5
	Chicago April 4-5
_	Boston May 2-3
5.	Questionnaire Design:
	Applications and Enchancements
	Cincinnati Jan. 19-20
	Chicago April 6-7
7.	
	Cincinnati Jan. 11-12
	New York Mar. 21-22
	Boston May 4-5
	Orlando June 21-22
8	Orlando June 21-22 Focus Groups: An Applications
0.	Workshop
	Cincinnati Jan. 17-18
	Cincinnati April 11 17
0	Cincinnati April 11-12
9.	Focus Group Moderator Training
	Cincinnati Jan. 31-Feb. 3
	Cineinnati Mar. 13-16
	Cincinnati April 25-28
	Cincinnati June 13-16
10.	
	With Children
	Cincinnati Jan. 13
	Orlando June 23
11.	Orlando June 23 Writing Actionable Marketing
11.	Research Reports
	Poston lon 12.12
	Boston Jan. 12-13 New York Mar. 2-3
	New IOFK Mar. 2-3
	Cincinnati May 11-12
	Toronto June 22-23
12.	Effectively Presenting Research
	Results to Decision Makers
	Cincinnati Mar. 8-10
	Cincinnati June 7-9

	13.	
		Research
		San Francisco Feb. 9-10
1		Philadelphia April 20-21
		Atlanta May 25-26 Product Research
	14.	Product Research
		Cincinnati Feb. 21-22
		Chicago May 16-17
	15.	New Product Forccasting
		Cincinnati Feb. 23-24
	16.	
		Cincinnati Feb. 9-10
		New York May 18-19
	17.	Positioning and Segmentation
		Research
		Cincinnati Feb. 7-8
		New York May 16-17 Customer Satisfaction Research
	18.	Customer Satisfaction Research
		Cineinnati Mar. 6-7
		Chicago May 18-19
	19.	Tabulation & Interpretation of
		Marketing Research Data
		Cineinnati Jan. 23-24
		New York June 5-6
	20.	
		Data Analysis
		Cincinnati Jan. 25-27
		New York Feb. 20-22
		Chicago April 17-19
		New York June 7-9
	21.	Practical Multivariate Analysis
		Cincinnati Feb. 13-15
		New York April 24-26
		Cincinnati June 26-28
	22.	Using Multivariate Analysis: A P.C.
		Based Applications Worksbop
		Cincinnati June 29-30
	23.	Experimental Designs for
	20.	Marketing Research
		Cincinnati May 4-5
	24.	Managing Marketing Research
	- 1.	Hawaii Jan. 19-20
		Chicago April 12-13
		Cincinnati June 20-21
	25.	
	23.	Cincinnati May 25-26
	26.	Industrial Marketing Research
	20.	Cincinnati Mar. 29-31
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