



EXTRA INNINGS NEWSLETTER

The Official Publication of Extra Innings

"Hot Stove Issue"

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Add 'Satch' to Hall of Fame

The "front door" election of Leroy "Satch" Paige to the Hall of Fame, has posed a statistical problem for "EI". Obviously, his scant major league totals cannot be used to rate him for inclusion with other Hall of Famers whose ratings are in a special supplement of "Extra Innings."

It brings up the problem of how good was Satch, in his prime, and that can't be deduced from the stats he left behind. For the most part, his statistics were compiled in the negro leagues for which there is little authenticated record keeping, or as a member of traveling semi-pro teams, playing less than major league calibre competition, except those post-season barnstorming junkets that used to take place in the 20s and 30s.

We did have the opportunity to see Paige ten or twelve times in appearances with the Birmingham Black Barons and the Pittsburgh Crawfords during the early 30s and, later, in a Negro National League vs. Negro American League World Series game in 1942 at the Yankee Stadium.

It seemed the consensus then that Paige was as good as Carl Hubbell, Dizzy Dean, Lefty Grove and Bob Feller. Allowing for white chauvenism, he might, privately, have been considered to be even better. However, he was not totally invincible, and certainly wasn't striking out every batter he faced or throwing no-hitters every time he took the mound.

Mostly, we saw Satch against the Bushwicks, a Brooklyn semi-pro team which was considered the equivalent of a top AAA minor league team. Its players were mostly veteran minor leaguers. Its games against top traveling outfits like the Crawfords, Homestead Grays, Black

Yankees, Cuban Giants, etc. were well played.

While the Bushwicks were a good drawing attraction at their home park, the games were more hotly contested for the side-bets riding on them.

The fairest judgement seems to be to give Satch sort of a composite of characteristics. We would grade him "A" for the purposes of playing "EI" at the Intermediate Level. We would project him to a 2.50 ERA. That's substantially lower than Hubbell, Dean, Grove and Feller. A composite of their ERAs would be 3.08. But, it is our subjective decision, colored by the awe we felt when we watched him pitch, that he really deserves to be ranked ahead of his peer group. Organized baseball was prejudiced against Satch and other blacks when Paige was in his prime. If nothing else, let "EI" lean the other way in its judgements.

As other stars of the negro leagues are given the recognition they were denied in their playing days by election to the Hall of Fame, we'll be faced with other rationalizations. It would seem the fairest way to judge them would be to rate them with the white players to whom they correspond. Josh Gibson would (in our judgement) take on the stat-derived ratings of a Jimmy Foxx. With the help of Robert W. Peterson's splendid book, "Only The Ball Was White," our own recollections and whatever in-put we can obtain, we'll tackle decisions on Cool Papa Bell, Oscar Charleston, Martin Dihigo, and dozens of others who'd already be included in "EIs" "Hall of Fame" supplement had they been white or if organized baseball hadn't been color-blind with the prejudice of the times.



We'd expect the next black superstar to enter Cooperstown will be Josh Gibson. Trying to put suitable stats to his legendary performances will be a problem. Ruth? Foxx?

Playing Tips and Ideas

There are two schools of thought emerging from the "Grandstand Managers." One recommends holding action to a basic minimum. The other keeps urging amplifications, most of which require further rolls of the dice. In an effort to keep everyone happy, yet add to "EI" some possible game actions which have not been included in the original rules, we've decided to suggest the following ideas. Remember, they are suggestions; use of them is entirely up to the player.

They avoid adding dice action. We are adding "signals" to the

First Roll Chart, using previously unassigned numbers for that roll.

When 2-3-5 is rolled it signals a possible change in second roll action. Proceed with the second roll, then if the batter has:

Homered. If the green die is odd, the ball curves foul. A dispute follows and the manager of the team at bat is ejected. The batter hits again.

If the green die is even, the home run stands. In the dispute over the umpire's call, the manager of the team in the field is ejected from the game.

Tripled. (Less than two out and a runner on first base.) The

batter passes the base runner, who is automatically out. Runner reaches third. If runners had been on second and/or third they score. Base runner who'd been on first is out, credit put out to second baseman.

Tripled. (Bases empty.) Batter is out at home attempting to stretch hit into a home run. Play is scored 8-6-2. Batter is credited with a triple, of course.

Doubled. (Bases empty.) Batter is out at third attempting to stretch hit to a triple. Play is scored 9-4-5. Batter credited with a double.

Doubled. (Runner on first.) Directions governing movement of base-runners apply. However, on an appeal, batter is declared out for failing to touch first base.

Singled. (Bases empty.) Batter rounds first base too far and is caught off by outfielder's throw.

Singled. (Runner on first.) Ball hits runner going to second. Runner is out (put out to second baseman), ball is dead, any other runners do not advance, and batter is credited with a single

and reaches first base.

Struck Out. (3-6-6; 4-6-6; 5-6-6 only) Ball gets away from the catcher and batter reaches first base. Any runners advance one base. Credit pitcher with strike out, error to catcher.

6-6-6 - As ball is caught by catcher for the put out, heavy rains begin and game is eventually postponed at that point.

(We've hesitated to put this contingency in the game, but there are those who want it...so, use it if you wish.)

You are invited to create other situations. We've stopped short of designing more intricate forms of put-outs, involving runners in run downs with a number of fielders handling the ball. A ground rule double, with a fan touching the ball, or having the ball bounce into the stands, etc. could be incorporated.

For now, contemplate the variations presented in this article. We'll turn an attentive ear to voices from the Grandstand Managers in future issues of the Newsletter.

From The Bench

We get quite a few inquiries from owners of "Extra Innings" asking if we have other sports games or encouraging us to devise games to cover other sports interests.

Actually, it wasn't until we'd marketed the table baseball game, "Extra Innings," that it even occurred to us that we might have embarked on a widening circle of re-creations. If it had, we'd probably not chosen "Extra Innings" as the name of the baseball game. "EI" occurred to us as an apt name for a game which was intended to extend the real life experiences of contemporary teams and their players or revive the glories of stars and teams of past eras. Now, we muse over "Sudden Death" (not knowing if we're toying with a sports topic, a war games addition or Grand Prix events). The possibilities of "Overtime" bring us up short as it reminds us of why we just can't venture into additional projects at this point. The whole venture of "Extra Innings" is an "overtime" project, being piled on top of work demands of a regular job, plus the roles of husband and father. In short, we might have the inclination, but we just plain don't have the time either to devise or handle the marketing of other games.

It is tempting. In past years we held some prominence as a handicapper of thoroughbred horses. A book on handicapping, "You Can Beat The Race" (Citadel Press) is in print and still brings in royalties each year. We authored many magazine articles about the elusive art of identifying winners in advance of the running of a race, or, at least, intelligently explaining why choices failed to perform according to expectations.

We did offer to the new management of "Turf and Sport Digest" that we'd design a table horse race game based upon their monthly ratings. We'd examined the APBA horse race game and realized that their ratings were quite similar to the monthly ratings on horses published by "T & SD" monthly and weekly in "Turf Flash." We're just as glad that their promise to "get back in 30 days with a reply" has gone without further action for the past year. Had they taken us up on our suggestion we'd have had to cut back to two hours sleep a night just to fulfill our promise to design the game.

We also probed TOPPS, projecting that a sports game which added game data to picture cards could find an expanded market. Whether it was our pun that we "could even eschew the gum" that delegated our letter to the round file or just plain poor business manners (we suspect the latter and would happily stuff a Jess Petty card up the nostril of the man to whom we sent our letter) the result was negative.

Also, in the pre-marketing stages of "Extra Innings", when we viewed the future of handling inquiries, packaging games, etc. of our venture with even more trepidation than we did the financial risk, we wrote "Baseball Digest" to suggest that they incorporate the game as part of their publication. It was our thought that they could sell the game separately and use their publication for updating data, printing historic team rosters and, in general, serving the role of this newsletter. It seemed like a great merchandising idea and one which could have been extended, via a football game, to their "Football Digest." They didn't see it that way and, perhaps, they'll net more profit simply by selling us advertising space.

We've even commented wryly on the irony that we invented a table baseball game while serving Providence College as their Director of Public Affairs. Obviously, we should have designed a basketball game in that environment.

After leaving PC we discovered we were not alone in our aberration. A young man Ken Hawes '70 who'd been a student while we were in the administration had designed and marketed a table baseball game called: "Pennant Winner II". We've not seen this advertised recently but it appeared to be a good game and a testimonial to the mathematical skills fostered on the campus by the good Dominican Fathers of P.C.

So, we seem fated to be limited by time circumstances to having only "Extra Innings", a baseball game, in our catalog. Some day we may gracefully step into quasi-retirement and, instead of basket weaving, spend our then ample leisure time conjuring up other game forms.

We don't even anticipate having "Extra Innings" emerge as such a profitable venture that we can resign our present occupation and have sports table games provide the means for supporting our family. We find ourselves the director of a Center which provides rehabilitative and job training programs for the retarded, a day care program for retarded youngsters and a residential unit for employed retarded adults. This is a job that's worth the doing and one which would not be easily surrendered to the temptations of doodling with math, laws of average and chance and utilizing a disproportionate fund of sports knowledge. For as long as we can, we hope to enjoy the benefits of both ventures. Our full time job, working for the retarded citizens of our community, and our spare time venture, are both highly gratifying. Neither is particularly rewarding in a monetary way, but there are other purposes to life than accumulating wealth. "Extra Innings" has given us an opportunity to get to know many truly fascinating personalities. It provides us with a complete change of pace, both in handling the business aspects of the venture and, when we can, of

ERA Adjustment Chart

When even the designer of the ERA Adjustment Chart, Jeff Sagarin, complains that it is awkward to use, it is time to consider presenting it in a different version than appears in the text of "Extra Innings." As originally presented, it indicated the adjustment in terms of plus and minus movements effecting the dice.

Actually, these can be just as readily referred to as "lines" and many players will find this a more manageable method for adjusting the ratings. We have given as the "norm" an ERA range of 3.39 or 3.54. When the pitcher's ERA is within this range, no adjustment is made. When lower than 3.39, lower the batter's hitting range by lines; when higher than 3.54, raise the hitting range by lines. A line is one numerical advancement or lowering on the third dice. Use the "Master Chart" for readily counting off lines.

Of course, most pitchers have ERAs in close proximity to the standard range so that, except for a superstar of the mound or a pitcher with an extraordinary high ERA, these lines will be few.

| Deduct | | | Add | | |
|-------------|-----------|-------|-------------|----|------|
| 0.00 - 0.87 | 25 | lines | 3.55 - 3.70 | 1 | line |
| 0.88 - 0.94 | 24 | " | 3.71 - 3.86 | 2 | " |
| 0.95 - 1.01 | 23 | " | 3.87 - 4.02 | 3 | " |
| 1.02 - 1.08 | 22 | " | 4.03 - 4.20 | 4 | " |
| 1.09 - 1.15 | 21 | " | 4.21 - 4.38 | 5 | " |
| 1.16 - 1.23 | 20 | " | 4.39 - 4.56 | 6 | " |
| 1.24 - 1.31 | 19 | " | 4.57 - 4.76 | 7 | " |
| 1.32 - 1.39 | 18 | " | 4.77 - 4.96 | 8 | " |
| 1.40 - 1.48 | 17 | " | 4.97 - 5.16 | 9 | " |
| 1.49 - 1.57 | 16 | " | 5.17 - 5.37 | 10 | " |
| 1.58 - 1.67 | 15 | " | 5.38 - 5.58 | 11 | " |
| 1.68 - 1.77 | 14 | " | 5.59 - 5.80 | 12 | " |
| 1.78 - 1.87 | 13 | " | 5.81 - 6.02 | 13 | " |
| 1.88 - 1.97 | 12 | " | 6.03 - 6.25 | 14 | " |
| 1.98 - 2.08 | 11 | " | 6.26 - 6.50 | 15 | " |
| 2.09 - 2.19 | 10 | " | 6.51 - 6.75 | 16 | " |
| 2.20 - 2.31 | 9 | " | 6.76 - 7.00 | 17 | " |
| 2.32 - 2.43 | 8 | " | 7.01 - 7.26 | 18 | " |
| 2.44 - 2.55 | 7 | " | 7.27 - 7.52 | 19 | " |
| 2.56 - 2.68 | 6 | " | 7.53 - 7.78 | 20 | " |
| 2.69 - 2.81 | 5 | " | 7.79 - 8.06 | 21 | " |
| 2.82 - 2.95 | 4 | " | 8.07 - 8.34 | 22 | " |
| 2.96 - 3.09 | 3 | " | 8.35 - 8.64 | 23 | " |
| 3.10 - 3.23 | 2 | " | 8.65 - 8.95 | 24 | " |
| 3.24 - 3.38 | 1 | " | 8.96 - 9.26 | 25 | " |
| 3.39 - 3.54 | no change | | | | |

escaping into the fantasy-land of the games themselves.

So, the world will have to wait (if, indeed, it even knows it is paused in anticipation) for our versions of basketball, hockey, football, horse racing, golf, etc. The devising of game forms of these sports is not particularly difficult, conceptually. Apart from baseball, they fall into certain groups. Once you've invented a hockey game, you also possess the techniques for basketball. Both games are the result of action which moves toward a goal, with a defensive prevention method. In one you have few scores for attempts on the goal, in the other many scores for efforts to make goals (baskets).

If you succeed in designing a horse racing game (or auto racing, track running, etc.) you need only modify the game to the particulars of another sport in which the competitors, whether afoot, in cars, on motorcycles, bicycles, or on horseback, circle a course.

We're making it sound easy...but circumstances prevent our bringing a bevy of sports games to the market at this time.

As for "war games"...we find ourselves shuddering over this quotation from the November issue of "All Sports Digest": "...allow me to suggest that those of you who can afford to buy yourselves two games for Christmas pick up Guadalcanal as well as "Origins of World War II."

I don't know. Maybe it's because we don't have to experience Guadalcanal or WWII vicariously, or, perhaps, we find it incongruous to correlate war games with "peace on earth and goodwill to men" Christmas sentiments. Anyway, we'll leave the designing of battle tactics to others. In a sense of fairness, we do not anticipate inventing: "Burn The Draft Records" or "The Washington Peace March." Might be fun, though?

"I haven't played a table baseball game for many years. While visiting some friends I played "Extra Innings" with their teenage son. It seemed a good game but I was rather disturbed when my pitcher was put out of the game for arguing. I can't recall seeing this happen in real major league play. It doesn't seem right."

Cmd. Joe McDonnell
Providence, R.I.

Ans. You're right. We are advising that, if a pitcher is involved in the ejection for objection rule, that it be waived, unless it happens on 5-5-5 (Second Roll Chart). We feel we have to allow some possibility. The "classic case" that comes to mind is Ernie Shore's "perfect game." None other than Babe Ruth was the starting pitcher on June 23, 1917, for the Boston Red Sox. He objected to the umpire calling ball four on the leadoff hitter and was thrown out of the game. Ernie Shore came in from the bullpen. The runner, Morgan, was thrown out attempting to steal and Shore wiped out everyone after that without a runner reaching first base.

Bill Hupp, 422 South Crescent, Park Ridge, Ill. 60068, writes to say: "I have started a league with the teams before 1920 that you have rated. I enjoy the low scoring games and pitching duels. At the middle of the season the last place team is out of first by two games."

Rick Korcheski, 407 West Frederica St., Thunder Bay, (South), Ontario, Canada, also turned back the clock to an earlier era. He reports: "Recently I decided to have a tournament of great teams including 1970 Baltimore Orioles, 1909 Pittsburgh Pirates, 1960 Pittsburgh Pirates, 1932 New York Yankees, 1953 New York Yankees and the 1887 Detroit team."

Rick reported the following action, mixing teams of many decades: "The results were fantastic. '09 Pirates beat the '32 Yankees, 3 to 2, with Dots Miller hitting a two-run triple in the fourth. Earl Combs belted a two run single for the '32 Yankees only runs. In the next game the '87 Detroit team squeaked out a 2-1 verdict over the Yankees of '53. Larry Twitchell singled in Ned Hanlon for the clincher after Joe Collins belted a Chuck Getzein pitch for the Yankees only score.

"In still another thrilling contest the '70 Orioles edged the '09 Pirates 7-5. The game was a see-saw affair with the score tied 5-5 going to the ninth. Paul Blair, who had previously homered twice, singled and Boog Powell, who'd been handcuffed in four previous at bats, socked a two run homer off Lefty Leifield for the win.

"In the championship contest the '70 Orioles shut out the '87 Detroit team on Jim Palmer's five-hitter. Palmer struck out nine while getting two hits himself. Frank Robinson's two run homer in the eighth, cinched the contest."

From David Pluta, 40-12 217th Street, Bayside, N.Y. 11361. "I

would like to report on a game I played with my brother. It was the 1961 Yankees vs. the 1969 Orioles with Whitey Ford against Mike Cuellar. It was a real pitcher's duel. Cuellar had a no-hitter for seven innings until Roger Maris singled to left. It was the only hit the Yankees got. Paul Blair hit a home run for the only score in a 1-0 game."

From David R. Lempke, 5421 Cranley Circle, Indianapolis, Ind. 46220. "What teams were on NBC's Computer Baseball?"

Answer: This refers to a computerized game played in the pregame show of NBC's "Game of the Week" telecasts during the 1970 season. The ultimate winner was the 1927 Yankees and they survived over the 1929 Athletics, 1942 Cardinals, 1951 Giants, 1955 Dodgers, 1961 Yankees, 1963 Dodgers and 1969 Mets. Prepared rosters of these teams were included with the first edition of "Extra Innings" and they are among the 36 historic teams now included with the second edition.

From Pete Jackson, 7947 W. 4th St., Los Angeles, Calif. 90048. (after establishing the problem that rules and playing ideas that are discussed in the newsletter may not be known to newcomers to the game) "I suggest that approximately once a year, a summary of major rules changes be included in the contents of the newsletter."

Answer: We'll make this a standard inclusion in all future "Hot Stove" (Jan.) issues. It is our policy to send both the "World Series" (Oct.) and "Hot Stove" (Jan.) newsletters complimentary to buyers of "EI" from September 1. It is our feeling that those who purchase that late into the season are getting less than full value since the game would still be shipped with rosters of the preceding season, which is soon to become two years out of date. We are aware of resentments toward other real-life games which, at Christmas time (and for several more months) are shipping games which are based upon data that's two years old. After all, one of our principal motivations in marketing "EI" was to permit play with teams as contemporary as possible.

From Wayne Forrest, 4041 Bethel Drive #16, St. Paul, Minn. 55112. "I am very interested in receiving the "Extra Innings" newsletter but, as I enjoy making up my own rosters, I have no need of the prepared rosters you send with the newsletter. Would it be possible to receive just the newsletter less rosters?"

Answer: No. Frankly, we wish everyone liked to make up rosters. But, they're an integral part of the Oct. newsletter and the July issue will contain a league from the past. We'd hope that playing tips, news, and various pithy articles and editorials would justify a subscription even if acquisition of prepared rosters wasn't a need of the reader.

A letter received right after the world series from Rev. Roger Zepernick, King's Way Community Church, 1720 Mt. Vernon St., Philadelphia, Penna. 19130, ordered the game,

revealed that both Strat-o-matic and APBA were played by him and concluded by saying: "...even if your game ad and information didn't appeal to me, given the year baseball's greatest right fielder just had, I might buy one copy of every table game I could find."

We haven't heard further from Rev. Zepernick. Perhaps he considers us a "lost soul" for having wondered just who he meant? While a Pennsylvania resident might be assumed to have referred to Roberto Clemente, there's another right fielder, Hank Aaron, who had a rather good year. And, Frank Robinson didn't do too badly and, another who could qualify, would be Al Kaline.

From Buz Farrell, Frankfurt American H.S., APO New York, 09757, we received comment, with a game order: "Enjoyed the Bucknam article in the EI Newsletter. Have read Coover and now anxious to tackle Kerouac. As I haven't tested to see how time consuming rating is for myself, I will wait on a newsletter subscription until after addiction."

From Barry Koopersmith, 321 East 55 St., Brooklyn, N.Y. 11203. "You mention a book called "All-Time Rosters for Major League Baseball Clubs." I would appreciate it if you can tell me where to obtain this book."

Answer: A bookstore can order it for you (it's in print) also advertised in Baseball Digest, via their book department. It's by S.C. Thompson and published by A.S. Barnes and Co. Inc., Cranbury, N.J., 08512. Cost is \$7.95. With MacMillan's "The Baseball Encyclopedia" is provides a total resource for reconstructing any team which played prior to publication. Mr. Thompson's book identifies every player on every team, but with minimal statistics, through 1964.

Barry's letter then went on to propose: "Referring to the reduced pitching effectiveness idea in your newsletter, why not reduce the pitcher's effectiveness in the same manner described but according to how long he pitched per game during the regular season. Divide his games pitched by his innings pitched to see how many innings he can pitch before his grade begins reducing. This would particularly separate the long relief pitchers from the short relief pitchers by forcing the manager to remove him before his grade becomes too high."

Answer: Essentially, we're put off by the time consuming arithmetic involved at a point when we have a minimum of time available. We go all out to present data on the just completed season with our October issue and it's a heavy job. What we will do is include games pitched and complete games pitched, along with innings pitched, on future prepared rosters. If it is a meaningful resource, the player can work it out.

From Doug Bauer, 24641 Eshleman Ave., Lomita, Calif. 90717. "Your game is great. The fact that you let your fans make changes in the game in that pivotal ERA shows class. One,

thing - you should add a second column to the chart showing exactly how many lines you subtract or add. Taking 005 away from 2-3-1 is confusing for example.

Answer: See the remodeled ERA Adjustment Chart in this issue. How's that for class!

...and, speaking of class...we had a letter from Ted DeVries, one of the earliest EI players, commenting he was glad to learn that Charlie Nelson, of Mat-tapoisett, Mass., had a doctorate, and commenting wryly he was probably the only person with a doctorate in his home town of Evansville, Ind. playing table baseball. A few days later an inquiry about "EI" came in from Dr. Charles J. Bertram, also of Evansville. Shortly afterwards we received an order for the game with a notation that Dr. Bertram and Dr. DeVries would be playing a number of contests. We suppose that they can call it the PhD League. Now, how's that for class!

Some personal notes: We very much enjoy personal contact with players of the game. Recently we hosted Fred and Dru Davis of Malden, Mass. and umpired the first "husband and wife" "EI" contest we'd witnessed (our own wife maintains a tolerant but non-participating attitude). In a replay of a world series meeting between the 1946 Red Sox and Cards, the staff side of the family managed the Cards to a win over Fred's favorite Red Sox of cherished memory.

Also, we spent a very pleasant afternoon last month, visiting Jeff Sagarin, designer of the Adjusted ERA Chart, at his apartment in New Rochelle, N.Y.

From Darrell Holtz, 511 Rosehill Rd. Apt. 49, Berrien Springs, Mich. 49103. "Has anyone suggested a way to Have Glen Beckert, Matty Alou and guys like that, strike out less than other players?"

Answer: Yes. Often. We are working on it. Starting with the awareness that an out is an out, unless it influences base runner movement, we'll take a first step in this direction by including in the next issue of the newsletter a listing of players to be indicated RK (rare strikeouts). Details of handling them will appear with the listing.

The wish to have pitchers record strikeouts and yield walks at real life levels and to have batters obtain them or strike out in frequency with real life expectations is the most difficult aspect of true-life recreations. It's like the chicken and the egg. With "EI" we must take a rather generalized approach in order to maintain the two characteristics which set "EI" apart from other games. The more subjective evaluations we do or the more we split our data, the later will be our prepared materials...and the more time that goes into preparation, the more its cost must be passed on to the player.

Our basic approach is to take care of the extremes (the player who walks a lot, the pitcher who racks up high strike out totals) and let the balance remain generalized. Most players, who

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Heard From the Grandstand Managers

(Continued from Page 3.)

do not compile stats at the high or low extremes, fluctuate widely in the middle ground from season to season. These stats (Ks and walks) are not principal characteristics to them. But, we'll keep working on it.

We were most pleased to receive the following from Thomas Smith, 42 Lincoln Ave., Highland Park, N.J. 08904. It presents some original and good thinking. Remember, it is our position in marketing "Extra Innings" that it is as much of a tool to some inventive games players as it is a finished product to others.

We do not hold ourselves to be capable of deriving every nuance possible from the game. Also, not all players wish to sub-divide the basic action into various amplifications of detail. The more mail we get, the more phone conversations and meetings we have with "EI" players and those who play other table sports game, the more we appreciate that games players are highly individualistic in their needs. Here's what Tom Smith has to propose:

"I have revised the sacrifice bunt chart to include errors and have added my changes below. 1-1-1 through 6-5-5 remain as on original chart. However the following information is added on all bunt singles.

6-5-6 thru 6-6-1 - Bunt Single
6-6-2 thru 6-6-3 - Bunt Single (plus error against all pitchers)
6-6-4 - Bunt Single (plus error against pitchers ERA 2.51 up)
6-6-5 - Bunt Single (plus error against pitchers ERA 3.01 up)
6-6-6 - Bunt Single (plus error against pitchers ERA 4.01 up)

Errors On Bunts

1-1-1 (1-2-2) 3-1-6 Pitcher
3-2-1 (3-3-1) 4-6-6 Third Base
5-1-1 (5-2-1) 6-1-6 First Base
6-2-1 (6-2-3) 6-4-6 Catcher
6-5-1 (6-5-2) 6-6-6 Second Base

All base runners advance two bases with exception of when no error is charged (SD player). If no error, advance is one base.

"Another change I've made which might interest the real "pro" table players involves stolen bases. Using the master chart I have calculated the exact stolen base percentage for all Superior and Above Average runners with 20 or more attempts per season and have included this figure on the player's "line" on my rosters. For example, if a superior rated base runner stole 35 bases in 50 attempts (70%) his success factor would be 1-1-1 thru 5-2-1 on steal attempts against a right-handed pitcher; 1-1-1 thru 5-1-1 against a left-handed pitcher. This would apply on steal attempts of second base only. The rest of the stolen base chart, including steals of third and home by all runners, throwing errors and steal limitations per game would apply."

From Kent Kelly, 2948 Brighton Rd., Shaker Hts, Ohio, 44120, comes a gimlet-eyed bit of observation. He sent in two clippings. One was from the Oct.

American League Players With More Than One Team - 1971

| Player | Teams | G | B | Pct. | HR | T | D | L | R |
|------------|-------|-----|---|------|-------|-------|-------|-------|-------|
| Alou | Oak | 2 | R | .250 | - | - | 1-5-3 | 2-3-6 | 2-3-6 |
| | NY | 131 | | .289 | 1-1-4 | 1-2-1 | 1-3-4 | 2-5-4 | 2-5-2 |
| Blefary | NY | 21 | L | .194 | 1-1-6 | - | 1-2-6 | 2-1-6 | 2-1-6 |
| | Oak | 50 | | .218 | 1-2-5 | - | 1-3-2 | 2-2-5 | 2-2-5 |
| Boswell | Det | 3 | R | .000 | - | - | - | - | - |
| | Balt | 15 | | .200 | - | - | 2-2-1 | 2-2-2 | 2-2-1 |
| Brown | Cle | 13 | R | .220 | - | - | 1-1-4 | 2-3-1 | 2-2-5 |
| | Oak | 70 | | .196 | 1-1-1 | 1-1-2 | 1-1-4 | 2-2-1 | 2-2-6 |
| Epstein | Was | 24 | L | .247 | 1-1-3 | 1-1-6 | 1-2-3 | 2-3-3 | 2-3-6 |
| | Oak | 104 | | .234 | 1-2-6 | - | 1-4-3 | 2-3-1 | 2-3-3 |
| Fernandez | Oak | 4 | R | .111 | - | - | 1-4-6 | 1-4-6 | 1-4-6 |
| | Was | 18 | | .100 | - | - | - | 1-4-6 | 1-4-3 |
| Gardner | Oak | 4 | R | .500 | - | - | - | 3-6-6 | 3-6-6 |
| | NY | 2 | | .000 | - | - | - | - | - |
| Hannan | Det | 7 | R | .000 | - | - | - | - | - |
| | Mil | 21 | | .000 | - | - | - | - | - |
| Hardin | Bal | 6 | R | .000 | - | - | - | - | - |
| | NY | 12 | | .000 | - | - | - | - | - |
| Hegan | Mil | 46 | L | .221 | 1-2-1 | - | 1-3-2 | 2-2-5 | 2-2-6 |
| | Oak | 65 | | .236 | - | - | 1-2-6 | 2-3-3 | 2-3-3 |
| Knowles | Was | 12 | L | .000 | - | - | - | - | - |
| | Oak | 43 | | .125 | - | - | - | 1-5-3 | 1-5-3 |
| Lindblad | Oak | 8 | L | .333 | - | - | - | 2-6-6 | 2-6-6 |
| | Was | 43 | | .158 | - | - | 1-4-3 | 1-6-1 | 1-6-5 |
| Mincher | Oak | 28 | L | .239 | 1-5-1 | 1-2-1 | 1-4-3 | 2-3-2 | 2-3-4 |
| | Was | 100 | | .291 | 1-2-1 | 1-2-2 | 1-3-6 | 2-5-2 | 2-5-3 |
| Patterson | Det | 12 | L | .000 | - | - | - | - | - |
| | Oak | 4 | | .000 | - | - | - | - | - |
| Perranoski | Min | 36 | L | .000 | - | - | - | - | - |
| | Det | 11 | | .000 | - | - | - | - | - |
| Ratliff | Min | 21 | L | .159 | 1-2-4 | - | 1-3-3 | 1-6-2 | 1-6-5 |
| | Mil | 23 | | .171 | 1-3-4 | - | 1-4-3 | 2-1-1 | 2-1-1 |
| Roof | Mil | 41 | R | .193 | 1-1-2 | 1-1-4 | 1-2-2 | 2-2-2 | 2-1-5 |
| | Min | 31 | | .241 | - | - | 1-2-4 | 2-3-4 | 2-3-4 |
| Savage | Mil | 14 | R | .176 | - | - | - | 2-1-2 | 2-1-2 |
| | KC | 19 | | .172 | - | - | - | 2-1-2 | 2-1-1 |
| Tepedino | NY | 6 | L | .000 | - | - | - | - | - |
| | Mil | 53 | | .198 | 1-1-4 | - | 1-1-6 | 2-1-6 | 2-2-1 |
| Thomas | Bos | 9 | R | .077 | - | - | - | 1-4-1 | 1-3-4 |
| | Min | 23 | | .267 | - | - | 1-2-1 | 2-4-6 | 2-4-3 |
| Walton | Mil | 30 | R | .203 | 1-1-6 | - | 1-3-3 | 2-2-5 | 2-2-1 |
| | NY | 5 | | .143 | 1-3-3 | - | - | 1-6-4 | 1-5-6 |

National League Players With More Than One Team - 1971

| Player | Teams | G | B | Pct. | HR | T | D | L | R |
|------------|-------|-----|---|------|-------|-------|-------|-------|-------|
| Bravo | Cin | 5 | L | .200 | - | - | - | 2-1-4 | 2-2-2 |
| | SD | 52 | | .155 | - | - | 1-2-1 | 1-6-2 | 1-6-4 |
| Cannizzaro | SD | 21 | R | .190 | 1-1-3 | - | 1-1-6 | 2-1-5 | 2-1-5 |
| | Chi | 71 | | .213 | 1-1-5 | 1-1-6 | 1-3-3 | 2-2-4 | 2-2-4 |
| Duffy | Cin | 13 | R | .188 | - | - | 1-3-2 | 2-2-1 | 2-1-4 |
| | SF | 21 | | .179 | - | - | - | 2-1-5 | 2-1-2 |
| Ferrara | SD | 17 | R | .118 | - | - | 1-3-1 | 1-5-3 | 1-5-1 |
| | Cin | 32 | | .182 | 1-1-6 | - | - | 2-1-4 | 2-1-3 |
| Foster | SF | 36 | R | .267 | 1-1-6 | - | 1-3-2 | 2-4-6 | 2-4-3 |
| | Cin | 104 | | .234 | 1-1-6 | 1-2-2 | 1-4-1 | 2-3-4 | 2-3-2 |
| Jestadt | Chi | 3 | R | .000 | - | - | - | - | - |
| | SD | 75 | | .291 | - | - | 1-3-3 | 2-5-6 | 2-5-2 |
| Lee | StL | 25 | L | .179 | 1-2-2 | - | 1-3-4 | 2-1-1 | 2-1-3 |
| | SD | 79 | | .273 | 1-1-3 | 1-1-5 | 1-4-4 | 2-4-5 | 2-4-5 |
| Miller | Chi | 2 | R | .000 | - | - | - | - | - |
| | SD | 38 | | .000 | - | - | - | - | - |
| Norman | Pitt | 16 | | .000 | - | - | - | - | - |
| | StL | 4 | L | .000 | - | - | - | - | - |
| Santorini | SD | 25 | | .237 | - | - | 1-1-6 | 2-2-6 | 2-3-4 |
| | SD | 18 | R | .400 | - | - | - | 3-3-4 | 3-3-2 |
| Torrez | StL | 10 | | .300 | - | - | - | 2-6-2 | 2-5-4 |
| | StL | 9 | R | .143 | - | - | 1-2-3 | 1-6-4 | 1-5-6 |
| Webster | Mont | 1 | | .000 | - | - | - | - | - |
| | SD | 10 | L | .125 | - | - | - | 1-5-3 | 1-5-3 |
| Wilheim | Chi | 16 | | .313 | - | - | 1-5-3 | 2-5-6 | 2-5-6 |
| | Atl | 3 | R | .000 | - | - | - | - | - |
| | LA | 9 | | .000 | - | - | - | - | - |

issue of "EI's" newsletter, quoting Bob Wigglesworth of Brockton saying: "I have played them all, including APBA, which I considered tops until I played your game, etc." The other clipping was from an APBA promotional piece which states:

"I have bought six different baseball games through the mail and none of them can match APBA in realism." This, too, is credited to Bob Wigglesworth. Obviously, it pre-dates Bob's acquiring "EI".

The fertile minds and nimble

pens (or typewriters) of Sgt. John Swistak and Jeff Sagarin have been busy between issues. Much of their effort has been directed toward the development of "The Top 400" version of "Extra Innings." We'll do a feature story on this in the next newsletter.