

Eric Hallsworth
West Winds, ABERDOVEY
Gwynedd LL35 0EA

COMPUTER CHESS ----- NEWS SHEET 10

Dear Readers,

As all my Readers must know by now, I am always glad to be sat at the Typewriter and getting the NEWS SHEET into print. This is particularly so on this occasion as our Summer Season at West Winds came to its end last Thursday, the 9th, and Chris and I are able to relax a little and 'do what we want' for a while after working 60-70 hours a week for the past 6 months. I am also especially pleased as I was beginning to wonder if the October printing might have to be cancelled as my own Typewriter which disappeared to the nearest Office Equipment Centre 30 miles away 6 weeks ago has still not returned! However a 'little' pressure has brought a temporary replacement, so here we go!

But for the Typewriter problem there would probably have been one or two other changes to the NEWS SHEET this time as I had intended to have a couple of pages properly printed as a trial effort to include one or two diagrams, photos of some of the leading Machines and one of me - or perhaps the dog (see how concerned I am to keep my Readership as happy as possible!). The reason for this is that I have received 2 approaches about carrying Advertising and, for advertisers to be able to present their goods in NEWS SHEET something more than duplicating would be needed. Thus I was interested to see what a NEWS SHEET composed of half printed pages and half duplicated would look like. Even so, it is not quite as simple as that (is it ever?) - one 'advantage' of running at a loss is that I don't have to worry about Tax and the like. Thus the running of advertising would not be designed so much as to make lots of money (!) for myself as to reduce current losses to a minimum. Alternatively I have wondered if Chess Computer Distributors wishing to advertise might be able to make some form of 'Credit for Goods' available to help me out in the up-dating or buying of new Machines to keep the NEWS SHEET's work continually up-to-date. So nothing definite has been decided, but perhaps anyone interested in Advertising could write to me with any ideas they may have and we'll see what can be worked out.

In the meantime there is some free Advertising for all the Distributors and Retailers who are Readers/Supporters of NEWS SHEET in that there is a List of all their Names and Addresses later on. (Sorry about the mistake above - the borrowed Mach-

does end of line 'justifying' as you will have gathered, but I haven't quite got the hang of everything yet as you have now seen!)

One thing which will DEFINITELY be available for Readers to make use of in the Next Issue is a Section to advertise to SELL/SWAP/BUY Machines by private individuals. Cost will be 50p plus 25p per line of this length. Thus Name, Computer description and detail, and Price should all get in easily for £1-50 max and the Advert will go out to (currently) 145 Readers. Despite my threat last Issue I have not yet actually cut out any 'non-responsive' Readers... there always seems to be so much going on and of interest I really dislike the idea of leaving anyone out in case they end up missing something which would really have interested them... also I'm obviously an old softy! However, if the NEWS SHEET does start to carry some Advertising and includes pages done at a Printers, then there will certainly have to be some sort of standard basic price charged, probably 50p per Issue plus p/p.

CORRECTIONS FROM ISSUE 9

I wonder if there is any chance that a change of Typewriters might reduce Error potential? Probably not, but we do our best and apologise again that Issue 9 contained some mistakes, as follows:-

The first batches of NS/9 which I posted out indicated that the Event won by 2 Fidelity Machines in Mobile had been the World Micro 1986... This was corrected in later copies to read 'U.S Computer Championship' which is what the Event was in reality. The WORLD MICRO is actually to be held in Dallas, Texas at the beginning of November. This was a serious mistake for which I am sorry, but was NOT as one Readers implied in correcting me, a deliberate piece of misleading originating from the Tournament winners. I tell you this in case anyone else noticing the error might have wondered. It was an entirely genuine mistake made by a source which has absolutely NO connection with Fidelity at all.

I gave the RESULTS TABLE for the WORLD COMPUTER CHAMPS at Cologne showing the order on an SB tie-split basis. This system is the one I much prefer, giving Machines tie-splitting points in FULL for

Games WON, and at HALF-rate for Games DRAWN (thus NO credit for Games LOST). However the Official FIDE Laws use the Bucholz which give equal Tie-splitting credit for Games whether won, drawn or lost. I therefore promised to re-print my Table in Bucholz order, also showing the ELO Performance Ratings as given in the ICCA Journal.

1	Cray Blitz	4 / 5	2290
2	HiTech	4	2303
3	BeBe	4	2215
4	Sun Phoenix	4	2318
5	Rebel	3	2235
6	Bobby	3	2188
7	Plymate	3	2102
8	Mephisto	3	1973
9	Dutch	3	1828
10	NoNa	3	1552
11	Advance 68K	2 1/2	1855
12	Lachex	2 1/2	1840
13	Ostfien	2 1/2	1689
14	Schach 2.7	2	1716
15	Cyrus 68K	2	1572
16	Vaxchess	2	1561
17	Chat	2	1533
18	BCPI	1 1/2	1645
19	Enterprise	1 1/2	1591
20	Awit	1 1/2	1476
21	Rex	1	1157
22	Shess	1	855
23	Kempelen	0	767

I shall not be issuing a Table of my own with ELO Ratings - I have received 3 letters giving me 'unofficial but authoritative' information on the Speeds various Machines were supposed to be running at. Unfortunately they have all managed to give me different MHz figures so I conclude the task is fairly hopeless and the Event of little use to the Consumer... a Manufacturers' EGO Trip instead of ELO!

Final (?) Correction from NS/9 concerns a Result from a Tournament advertised by I.C.D in Chess Life. I had created a 'Top 4' List, but now have the FULL Result which actually involved 2 Tournaments and it is important for NS Readers to see the FULL Result as I consider the ICD-advertised Result-method quite misleading. However, before we can look at that, or any other Results and Ratings, it is necessary to discuss another topic!

RATING LEVELS

Shortly after the commencement of the NEWS SHEET, and after considering Results and Ratings from Sweden and other European Countries, also the States, I suggested that the 'standard' Ratings used in this Country for Chess Computers was on the high side. The majority of Readers who respon-

ded to that view disagreed and were satisfied with the Rating Level in use; a couple of Readers agreed but were unable to give much help (which I needed!) concerning the AMOUNT of the likely error in the Level, as in use. Thus my Rating List has continued at pretty much the same Level which has in reality been very close to that used in the U.S.A.

However the need to get to grips with the issue became apparent again after the BRITISH MAJOR appearances of 3 leading Chess Computers in which their Officially Graded Results were below the Ratings given to those Machines in my List. I think there are various possible reasons for this, namely...

- 1) My Rating List is at too high a Level (but if so, by how much?)
- 2) As Players become more accustomed to play against Computer opposition, so the Chess Computers must actually IMPROVE to obtain the same standard of Rating! There was a time when Computers were taken very lightly - also Players were un-used to their style - and such as NOV SUPER CONSTELLATION caught many folk out with its quality of play. Now Players are much better prepared for these meetings - and they take them much more seriously. I believe that, if NOV SUPER CONSTELLATION were to enter the BRITISH MAJOR or COMMONWEALTH CHAMPS today, it would do much less well than it did 2 years ago. Perhaps I'm wrong. Anyway my view is that the small step-up in Grading achieved by NOV FORTE? FID PAR EXCELLENCE and MEPH REBEL is actually representative of a greater improvement than it seems in the actual Chess Computers.
- 3) I believe that in the BRITISH MAJOR the humans were allowed to choose to 'play, or not to play' against Computers. This HAS to be prejudicial against the Computer if you think about it - folk not used to them or with little experience of playing against a Chess Computer say 'no (thankyou)', whereas players who, say, own one (or two) or have played against them and developed some sort of winning style against them will say 'yes (please)' and so the Computer tends to meet only the latter type. However Chess Computers will have to get MORE AND MORE used to this as more and more Chess players buy their own - an inevitability as the Playing Strength increases and the Prices reduce as they have done with such as the FID PAR EXCELLENCE and NOV FORTE.

The above Results (noting however that the NOV FORTE produced a much better Grading Performance in the Commonwealth Champs... did it meet overseas Players LESS used to Computer play?) were not the only cause of my desire to carefully re-assess the situation. Letters from Larry Kaufman/USA and Thoralf Karlsson/Sweden-Editor of PLY, their Chess Computer Magazine, together with discussions with Paul Hales the British Chess Computer Analyst, further convinced me of the desirability of a re-assessment to ensure the Reliability and Validity of the RATING LIST to Chess Clubs and regular Chess Players. As a result I created a Computer Programme for my SHARP to do

as full a comparison as I could on the various differences between our Ratings. Here is the outcome of that Research:-

USA= A compilation of various figures from Larry Kaufman and those taken from Computer Chess Digest in 1985.

	Diff	Mach Compared
Mine/USA	mine -10.2	45
Mine/SwEd PLY	mine +191.9	58
Mine/other Brit	mine -10	52
Brit/USA	Brit +2.2	33
Brit/Sweden PLY	Brit +212.5	41
USA/Sweden PLY	USA +197.6	34

Larry Kaufman also went to the trouble to find out for me the difference between the USCF figures of the top 50 Americans compared with their current ELO Grading. This revealed a current Gap of 78 points!

Finally I had some lengthy discussions with Paul Hales who very kindly gave me a sight of his private Rating List for various Machines based on Tests he has run against Officially BCF and ELO Rated Players in his area. Many Readers may not know of Paul Hales' work, but I know for certain of 3 of the Major Distributors who currently seek his professional opinions in FULL Tests on their Machines (ie. Playing Strength, Cosmetics, Ergonomics and Quality/Reliability) so I have appreciated and valued his help. It is also encouraging to us both in our independent work to find that the Rating Level and LIST now decided on is similar enough for us to equate them and make the fullest use of each others' findings. I am also grateful to both Thoralf Karlsson in Sweden and Larry Kaufman in the States for their time-consuming help; the final adjustments made are near enough to their suggestions to make my Rating List of more value to them as well hopefully.

My own LIST has been adjusted by an ALL-OVER DEDUCTION of 65 from EVERY RATING; I recommend that 75 be deducted from USCF-based Figures (and will show this as being done where it arises in any future NS), and 125 added to the PLY/ICCA figures (rather than the 200 suggested to increase them to USA level) to adjust the Swedish Ratings to a British equivalent. Incidentally the NEWS SHEET is now involved in a straight swap for Issues of PLY (which is devoted solely to Computer Chess) and EN PASSANT, the Canadian Chess Magazine which carries a full Chess Computer Article in every Issue... BCM and CHESS please take note!

I think that covers all that needed to be said in way of explanation not only for the EVENT of a revision in the Rating List Level but also for the HOW of the Arrival at a new Level. Readers are welcome to comment though it is fair to say that I am unlikely to change it again in the immed-

iate future in view of both the immense amount of work that has been involved and also my personal satisfaction in finding that my final result was so much in harmony with the professional work of Paul Hales in the same field.

NEWS FROM THE MANUFACTURERS etc

CONCHESS

CONTEMPORARY CHESS COMPUTERS has asked me to let Readers know that the CONCHESS (PLYMATE?)/8MHz is in stock. I regret that no further details or price were given so recommend you write to them direct if you want to know more.

SCISYS

I haven't heard from SciSys recently but do understand that the new LEONARDO with additional MAESTRO and ANALYST Modules will be available very soon. I hear that the basic Unit & Board will be itself up-gradable from 8-bit to 16 and even 32-bit and also User-Programmable but confess I am unsure of the facts so had better say little more until later. However Thoralf Karlsson of PLY wrote me on the subject of the SciSys processors in use pointing out that I was showing the TURBO 16K and EXPRESS 16K at 12 and 8 MHz respectively whereas those are the figures for the external clock-frequencies and that, whilst SCI TURBO KASPAROV running on the 6502 achieves 4 (and now 5) MHz, the smaller Machines run on a 6301 and their internal frequencies should be divided by 4 making them 3 and 2MHz respectively. According then to Thoralf "all this means that there is no 'automatic' increase of playing strength between TURBO KASPAROV and the LEONARDO ANALYST Module". With a bit of luck SciSys will read this and let me have some detail so I can talk about it '1st. hand'.

MEPHISTO

Andy von Treuberg of Hegener & Glaser wrote me in September to confirm that the MEPH SUPERMONDIAL and MEPH REBEL will be out this month. The REBEL (which is being awaited with enthusiasm by many folk after its performance in the World Champs at Cologne) will be playing in the MID-WALES Tournament in November so I will be able to report fully after that though I am hoping for the opportunity to see one before if possible.

I received a very encouraging letter from Richard Lang, the programmer of the MEPH AMSTERDAM, to tell me that some Analysis and comment I had made in connection with a defeat it suffered in my Tests with it against the SCI TURBO KASPAROV had enabled him to improve the AMSTERDAM Programme in its play when defending against advancing passed pawns, and the

'Cologne' programme would not make the same error.

Although the MEPH AMSTERDAM has not lost any Match in my Tests yet where at least 10 Games have been involved. I was glad to hear of Richard's on-going work as the 'Opposition' is clearly getting closer - seem my latest Scores between the AMSTERDAM and NOV EXPERT/5 and NOV FORTE in the Results Section.

FIDELITY

Having fully reported on the arrival of the FID PAR EXCELLENCE and ELITE 2100 in NS/9 it could hardly be expected that there would be anything more from FIDELITY this month. From letters received here the PAR obviously has bought in good numbers already and has a satisfied public. Having exchanged my FID ELEGANCE for the FID AVANT GARDE I have now exchanged again for the ELITE 2100 personally reckon that this version with 'excellent!' wood board and men, full clock/evaluation/analysis features and PAR E's strong programme must represent one of the best 3 value for money buys available at this time.

NOVAG

All of the first 3 consignments of the NOV FORTE arrived within a couple of days of each other about 3 weeks ago and again, from letters received here so far, have met with a satisfied and appreciative audience. Mine arrived just as I was finishing Matches involving the NOV EXPERT/5 and its early results are very good as covered in the MATCHES/GAMES Section.

The EXPERT/5 is available at £450 and, soon, the EXPERT/6 at £500 which (I believe) may just prove to be NOVAG's best Playing Strength Machine. Comment on the EXPERT/5 will also be found in the GAMES/MATCHES Section.

MID-WALES TOURNAMENT: 8-15th. November

An impressive Entry List is now lined-up for this Tournament next month:-

(also SUPER CONST)
NOVAG.. FORTE/s, EXPERT/5 or 6 and possibly QUATTRO
FIDELITY.. PAR EXCELLENCE/s, ELITE 2100, EXCELLENCE/3
MEPHISTO.. AMSTERDAM/s, REBEL
CONCHESS.. 2MHz for which Contemporary Chess Comps have volunteered to lend us a 6MHz Cartridge as well as the new 8MHz Machine
PSION QL Computer Chess Programme

There are a couple of other possible Entries, but we won't know for certain till nearer the date. All the Games from the Tournament will be properly recorded and the next NEWS SHEET will major on coverage from it (this should be a late-Nov/early-Dec Issue, possibly coming out in a slightly changed format as already mentioned and covering all the usual areas in addition to the Tournament.

I shall be sending this NEWS SHEET to SciSys with a final appeal so that we may have something to represent them as well.

RESULTS

Although all of the latest Results which I have from PLY/Sweden have been entered into my COMPUTER RATING LIST, I am sure Readers will appreciate that I haven't also had time to go back through all of my Rating Figures and amend them to the new Levels - to do so will take probably another week's work and I felt that immediate Issue of the NEWS SHEET was important before Chris and I go away for a few days (well-earned) rest ourselves... otherwise NS/10 would have been another fortnight to wait for completion. Thus most of the Results this time are given WITHOUT the usual Performance Ratings, though they have been included in a few instances where I particularly thought Readers would be keen to have them!

MY RESULTS

NOV FORTE:FID PAR EXC (Game 1) 7-7 2031-2024
NOV FORTE:MEPH AMSTERDAM (Game 1) 2-3 2054-2107
NOV FORTE:FID PAR EXC (Match 2) 8-5 2132-1929
MEPH AMSTERDAM:NOV FORTE (Match 2) 10-8 2065-2089
(1st. Matches at 2mins per move; 2nd. at 3)
FID PAR EXC:NOV EXPERT/5 9½-6½ 2094-1957
MEPH AMSTERDAM:NOV EXPERT/5 10½-7½ 2086-2067

Other Results from around Britain

FID PAR EXC:FID EXCELLENCE/3 4-2 2076-1900
SCI TURBO KASP/4:SUPER ENTERPRISE 6½-1½
SUPER ENTERPRISE:CYRUS II 4½-3½
SCI TURBO KASP/4:CYRUS II 7½-1½
FID EXCELLENCE/3:MEPHISTO 3 6-0
MEPH AMSTERDAM:NOV FORTE 3-1 2229-1933
FID EXCELLENCE/4:FID SENSORY 9+CB16 16½-3½ was 7½-2½
SUPERCHESS III:COLOSSUS IV 1-1
SUPERCHESS III:FID SENSORY 12 1½-3½
COLOSSUS IV:FID SENSORY 12 ½-3½
CYRUS II:FID SENSORY 12 1-3
SUPERCHESS 3.5:COLOSSUS IV 0-2

Results from USA

NOV FORTE:FID PAR EXC 5½-4½ 2072-1981
NOV FORTE:FID AVANT GARDE 3½-6½ 1911-2141
NOV FORTE:SCI TURBOSTAR 432 5½-2½ 2080-1871
NOV FORTE:MEPH AMSTERDAM 3-3 2133-2021

1 MEPH AMSTERDAM 13½/20 2173
2 NOV EXPERT/6 11 2090
2 MEPH REBEL 11 2090
4 FID AVANT G+CB9 9½ 2027
5 SCI TURBO K/5 8 1980
6 FID PAR EXC 7 1933

This was the 1st. of the ICD Tournaments referred to earlier - strangely the FID PAR E came bottom in one... and top in the other! (see next page)

1 FID PAR EXC	13/20	2107
2 S.TURBO K/5	12½	2093
3 NOV EXPERT/6	11½	2044
4 FID EXCELLENCE/4	8½	1935
5 NOV SUPER CONST	7½	1909
6 NOV EXPERT/4	7	1876

Results from EN PASSANT/Canada

FID AVANT GARDE:NOV EXPERT/4 5-5
 FID EXCELLENCE/4:NOV SUPER CONST 5-5
 FID PAR EXCELLENCE:NOV SUPER CONST 5-5

A strange set of 5-5 draws! - but all at 3mins per move.

Results from Sweden (Selection)

MEPH AMSTERDAM:

FID EXCELLENCE/3 20½-8½ 2068-1982
 SCI TURBOSTAR 432 57-23
 NOV SUPER CONST 56-21
 CONCHESS PLYMATE/6 16-7
 FID AVANT GARDE 62-27
 NOV CONST EXPERT/4 37½-19½ 2120-2007
 MEPHISTO MM2 27½-10½
 FID EXCELLENCE/4 12-3

FID AVANT GARDE:

CONCHESS PLYMATE/6 15-9
 NOV EXPERT/4 39-29
 FID EXCELLENCE/4 11-6
 SCI TURBOSTAR 432 20-10
 CONCHESS PLYMATE/4 14½-10½
 FID EXCELLENCE/3 6-3
 NOV SUPER CONST 15-5
 NOV QUATTRO 14-4

FID PAR EXCELLENCE:

NOV FORTE 8-6 2090-1974
 FID AVANT GARDE 12-11 2044-2018
 FID EXCELLENCE/4 4½-4½
 CONCHESS PLYMATE/6 11½-9½ 2046-1997
 NOV EXPERT/4 4½-4½ 1993-2036
 CONCHESS PLYMATE/4 5½-4½ 1994-1994
 NOV SUPER CONST 9-5
 SCI SUPERSTAR 36K 12-3
 CONCHESS/2 15½-3½

NOV FORTE:

SCI TURBOSTAR 432 10-9 1952-2006
 CONCHESS PLYMATE/6 2-0

FID EXCELLENCE/4 (changes since NS/9):

NOV SUPER CONST 13-7 was 9-5
 MEPHISTO MM2 12-8 was 4½-3½
 SCI SUPERSTAR 36K 11½-8½ was 1-1
 NOV CONST/3.6 26-4 was 11-1
 NOV EXPERT/4 15½-14½ was 3-4
 CONCHESS/2 17-3

CONCHESS PLYMATE/6 changes since NS/9:

FID SENSORY 12 12½-7½ was 6½-3½
 NOV SUPER CONST 21½-5½ was 4-1
 SCI TURBOSTAR 432 18½-14½

NOV EXPERT/4 changes since NS/9:
 FID EXCELLENCE/3 24-15 was 12½-7½
 NOV SUPER CONST 19½-13½ was 12-8
 MEPHISTO MM2 11½-10½ was 6½-3½
 SCI TURBOSTAR 432 13-17 was 6½-2½

NOV QUATTRO:

CONCHESS PLYMATE/6 3-1
 FID EXCELLENCE/3 3-2
 CONCHESS/2 9½-5½
 NOV CONST/3.6 7-5

There are obviously a few others, but I will have to aim at printing the FULL List next NS and showing ALL the Performance Ratings at that time.

One last Result coming in from a CHALLENGE MATCH in the USA between a Master there (rated 2247... now my 2172 after deducting 75!). The Challenge was against the NOV EXPERT/6 at 3mins per move and the EXPERT/6 won 2½-1½ gaining a Performance of 2272 allowing for my adjustment as ALL Performance figures will do both this Issue and in future.

 FREE ADVERTS!

The following is a List in Alphabetical order of all NEWS SHEET Readers who are Retailing in some way to the Chess public to the best of my knowledge.

Lwrence & Carol BARLOW, 15a Blenheim Cresc, London W11 2EE. General Books, some on Chess.

Mike BASMAN, Popular Chess, 7 Billockby Close, CHESS-INGTON? Surrey KT9 2ED. Chess Mag and Teaching Tapes British Chess Magazine, 9 Market St, St Leonards on Sea, East Sussex TN38 0DQ
 Chess, Sutton Coldfield B73 6AZ. Chess Mag.

Chess Suppliers (Scotland) Ltd, PO Box 67, 1st Floor, 15 Hope St, Glasgow G2 6AQ. Books and Chess Computers
 Contemporary Chess Computers, 2-3 Noble Corner, Gt West Road, Hounslow, Midd TW5 0PA. Main CONCHESS Distributors

Mike Healey, Countrywide Computers, 114 Woodland Road, Sawston, Cambridge CB2 4DU. Retailers Chess Computers

Ken Gorman, Doska Chess Supplies, 29 Farnham Way, Poulton le Fylde, Lancs FY6 7TQ. Retailers Chess Comps

Brian ELEY & Co, Dearne Rd, Bolton-on-Deerne, Rotherham, Yorks S63 8JR. Book Retailer incl. by Post

Eureka Electronics, 26 Castle st, Brighton, East Sussex BN1 2HD. Main Distributor NOVAG, MEPHISTO

Competence, 17 St Martins St, Wallingford, Oxfordshire OX10 0EA. Main Distributor FIDELITY, carries others

E.GOODWIN, 32 Alderminster Rd, Mount Nod, Coventry, Warwks CV5 7JQ. Books - good 2nd. hand List

A.J.A.Berry, LEISURE Games, 91 Ballards Lane, Finchley London N3 1XY. Games Shop incl. Chess

J. Manley, KINGPIN Chess Mag, 10 Derwent Gardens, Ilford, Essex IG4 5NA. Chess Mag - Club standard

SciSys Computer Ltd, 4 Bridge Studios, 318-326 Wandsworth Bridge Rd, London SW6 2TZ. Main Distributor SCISYS

If I have missed out any other British concern involved in Retailing items connected to Chess then it is purely accidental - if you let me know I'll give you a free mention next time!

Anyone interested in the Canadian EN PASSANT with its Chess Computer Article can write to Alan Tomalty 'En Passant', 289 Omsstead St, Suite 2, Vanier Ontario K1L 7J9, Canada.

I had hoped to include some info. from the USA's Computer Chess Digest which was due out in August. However it is still not out but available soon from Computer Chess Digest Inc. PO Box 474, Merrick, New York 11566, U.S.A - sending them \$6.95 + \$1.50 shipping and handling.

MATCH REPORTS

NOV EXPERT/5:FID PAR EXCELLENCE 6½-9½

NOV EXPERT/5:MEPH AMSTERDAM 7½-10½

Both these Matches were very exciting and I must 'confess' that the EXPERT/5 became just about my favourite Programme to play against during its all-too-brief stay here. I realise that a Computer cannot actually be inventive, but I would nevertheless call the EXPERT/5's play by that word. It often came up with interesting ideas and play and, when I played it, I found myself having to be more awake than ever - and rarely succeeding adequately! The Match v FID PAR E 'felt' closer than the score indicates, and the PAR E's good final score is equally a credit to it. At the time of playing this Match this was the closest struggle I had seen the AMSTERDAM have and there was (for me) some quite baffling and clever play in one or two of the Games. I am looking forward to the EXPERT/6 - I only just managed to send the EXPERT/5 back from its brief loan because my ordered FORTE arrived to replace it in play... somehow I already doubt if I will be able to do the same with the 6MHz. If only it had an LCD in the manner of the MEPHISTOS, ELITES and FORTE, then I would probably have risked naming it my favourite Machine all-round!

NOV FORTE:MEPH AMSTERDAM 8-10

NOV FORTE:FID PAR EXCELLENCE 8-5 (in play)

The NOV FORTE Programme is very interesting; on the one hand it may have lost a little of what I called 'inventiveness' in the EXPERT Programme, but it does appear to have made sounder and thus a little stronger in play against other Computers. Certainly the results so far bear this opinion out, with FORTE doing just fractionally better than EXPERT/5 against AMSTERDAM and PAR E (it must

be borne in mind that TOTAL results of FORTE v PAR EXCELLENCE have the Machines running neck-and-neck against each other over some 60 games altogether). Even so it has taken a useful lead in my Match which started out as a best of 24 over 3mins per move (my earlier 7-7 result was at 2mins per move). Once again there have been some Games of real interest and quality and the Match is a pleasure to run.

The Game v AMSTERDAM was not quite as exciting as it looks in print in that AMSTERDAM was 8-3 up at one time so that FORTE never actually threatened to win; nevertheless it came back well at the end and, this having been played at 2mins per move I now look forward to a later Match at 3mins. I have also played these 2 at a few Games over 1min per move and there have been 2 quite outstanding ones which I will try to find room for inclusion in the NS if possible (the 1min Match ended up 6-4 for MEPH AMSTERDAM). Overall I personally JUST prefer the EXPERT Programme and feel that it (running at 6MHz) may just be the better against humans. However the FORTE will probably prove the better for analytical purposes because of its greater soundness and, of course, the FORTE has been very much designed with this in mind because of all the first-class LCD helps. In closing these brief Reports I must, on re-reading the above, be careful to make it clear that FORTE's 'soundness' does NOT mean boring by any standard - I am sure most folk know that the EXPERT is programmed to seek complications, take risks, create unpleasant alternatives for the human mind to battle with etc - when I had the 4MHz I felt that this was just over-done fractionally and put the NOVAG into situations where sound play overcome it a little too often... with the 5MHz, though it's a small Speed increase, the play seems to me sharper, the inventiveness seems to create ever harder mazes to find one's way through, though the risks are still there! The FORTE equally plays some smashing Chess, fine Pawn and Piece co-ordination give it plenty of opportunity to find powerful moves and both FORTE and PAR EXC when in play against each other 'feel' as strong as the MEPH AMSTERDAM in the middle-game, maybe a little better in the end-game... only when they meet the AMSTERDAM do we find the latter is still (just) in charge overall!

I conclude that there are some very good Chess Computers available for purchase today; amongst the best few choosing one above another is not going to be at all easy... but lots of fun!

MATCH GAMES

Although I will find room for one or two if it is possible, on this occasion Games from Matches played here are to take 2nd. place. This is for the very good reason that the sheer quality of 2 documents sent to me recently virtually demand that I include something from each of them - when you have seen them, I trust that you will agree!

TIMOSCHENKO (White) v NOV EXPERT/4

What is in London during the World Championship Match, being at that time attached to the Kasparov analysis team, Gennady Timoschenko found himself at the demonstration table in Harrods playing the EXPERT/4 at its Level 3 (30secs per move). He obviously found the Game of real interest as he not only annotated it for Eureka but also borrowed a FORTE as well as the EXPERT for use during the Match.

A fuller Leaflet containing this Game and one from the Commonwealth Champs involving the FORTE plus other Information on these Machines is available from Eureka if you write them, their address is elsewhere in the NEWS SHEET.

(1) d4 d5 (2) c4 e6. The Queen's Gambit Declined. (3) Nc3 Nf6 (4) Bg5 Be7 (5) e3 0-0 (6) Qc2 c5. Novag is still in its Opening Book. (7) Nf3 Nc6 (8) cxd5 exd5 (9) Bd3. dxc5 was played between Quinteros and Andersson, Biel 1985(6?) h6 (10) Bh4 cxd4 (11) Nxd4 Nxd4 (12) exd4 Re8 (13) 0-0. White removes his King from the open e-file. Bd7. A strange square but if Bg4 White drives the Bishop back with 14 h3. (14) Rf1 Rc8! Black's Rook lines up against White's Queen which now sidesteps to safety. (15) Qd2 Bb4 (16) Re5! This move invites Black to enter enormous complications. Rxe5! A brave move based on an exact calculation. (17) dxe5 d4. A comical position. (18) exf6 dxc3 (19) Qf4 cxb2 (20) Rf1. I thought that my attack with Queen, Bishops and Pawn combined would overcome Black's defenses of his King. Already I am threatening fxg7 but Novag defends calmly and resourcefully. Qb6! (21) fxg7 Bd6. Now if 22 Qh6 then Bh2+ wins! (22) Qe4 f5! Black safely stops 23 Qh7 mate. (23) Qd5+ Kxg7 (24) Bg3! Rc1! The only move for Black to counter the attack. (25) Be5+? I could have played 25. Bd6 which leads to a draw with best play. Rxf1+ 26 Kxf1 b1=Q 27 Bxb1 Qb1+ etc. I wanted to test the Machine's capabilities. Bxe5 (26) Qxd7+ Kf8! All the alternatives lose the Bishop to a Queen check. (27) Qxf5+ Qf6 (28) Qd7 b1=Q! 28. Bd4! would have forced White to reply with 29 Qf5 and, after Qxf5 30 Bxf5, the Pawn on b2 secures the end-game win for Black. (29) Bxb1 Bxh2+ (30) Kxh2 Rxf1 (31) Qc8+ Kg7. The game is decided as a draw as there is no escape from the checks.

Timoschenko writes that he was greatly impressed with the EXPERT's hard and accurate play during the complications and discusses various positions from the Kasparov/Karpov Match which were given to the NOVAG Machines for Analysis in the Leaflet which is well worth getting.

The FID PAR EXCELLENCE at the BRITISH MAJOR
by JON SPEELMAN

Jon Speelman has done a massive and first-rate Analytical job on 6 PAR E Games from the above. The 3rd (a draw with a 198BCF (2184E10) Player is my favourite with a Knight sacrifice by the FIDELITY which ends with the mortal gaining the pt. in an exciting End-game. Well worth sending off for on its own apart from the other material and interesting discussions on Computer play and the best (and worst) methods to use against them. However the 3rd. Game is too long for inclusion here, so I have chosen the shorter 2nd. Game to whet your appetite. As in the Timoschenko/EXPERT Game the annotations here are exactly as in the documents sent to me. One of my main reasons for including them is not just their natural interest, but because Timoschenko and Jon Speelman are somewhat better at the job than I!

K. ESCOTT (184) White v FID PAR EXCELLENCE
King's Gambit

(1) e4 e5 (2) f4. Not a very sensible choice of opening since the King's Gambit tends to lead to extremely tactical positions where a computer will show itself at its very best. Qh4+! An extremely interesting decision by the opening book compiler. This very unusual move sidesteps the reams of theory which exist on other King's Gambit lines and would normally leave the opponent practically on his own at this very early stage. (3) g3 Qe7 (4) fxg. 4 Nc3 is a sharper alternative here. d6 (5) b3! If 5 exd Qxe4+ 6 Qe2 Qxe2+ 7 Nxe2 Bxd6 8 Bg2 Nc6 the end-game is very comfortable for Black. 5 Nf3 and 5 Nc3 are both sensible alternatives. With the text move White will clearly remove the programme from its opening book, but at the cost of playing something perhaps slightly inferior. Nc6 (6) d4?! This is extremely ambitious. 6 Nc3 would have been much more sensible. dxe (7) Ba3. If 7 d5 Qb4+ 8 Nd2 Qc3! Qg5 (8) Bxf8 Nxd4!! A fine intermezzo, or intermediate move. There is a strong psychological tendency for the human player to make automatic recaptures. Presumably this is also built into programmes to some extent, but a sufficient search can sometimes negate the effect. First I should mention that the simple 8.. Kxf8 is sufficient to draw, since if 9 d5 Qe3+ 10 Qe2 Qc1+ 11 Qd1 Qe3+! and White's best is to accept the repetition with 12 Qe2 etc. This means that 8.. Nxd4 will have to be at least equal for it to be objectively a good move. In fact I believe that this is so - but even if it were not, it is wonderful to see that computers are now capable of such things! (9) Bc5.

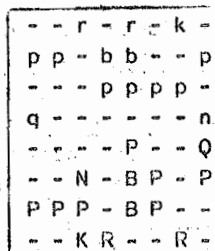
9 Bxg7 is a fascinating alternative:-
a) 9.. Qxg7! 10 c3 Ne6 (10.. Bg4! 11 Qd3!) is quite playable for Black. This, in conjunction with the fact that 9 Bc5 is fine for Black, is sufficient to show that 8.. Nxd4! is objectively good. In fact I spent some considerable time trying to ascertain whether Black can do even better. For any specialist chessplayers interested, here are a couple of very difficult variations (I advise other readers to ignore them):
b) 9.. Qe3?!/? 10 Be2 Qxe4 11 Kf2! and if.. Qxh1 then 12 Nf3 Qxd1 13 Bxd1 is good for White.
c) 9.. Bg4 (idea 10 Qd2 Qxg7! when the White Queen would be better on d3) 10 Qd3 0-0-0?! (10.. Qc1+? 11 Kf2 0-0-0 12 Ne2!) 11 Bxh8 is 'unclear' but seems good for White. (9).. Qe3+ (10) Be2. Not 10 Ne2?? Nf3 mate! And if 10 Qe2? Qc1+! 11 Qd1 Nxc2+ 12 Ke2 Bg4+ wins - but not here 10.. Nxe2?? 11 Bxe3 and it is White who wins. Qxe4 (11) Bxd4 Qxh1 (12) Bf2 Nf6. Much of the smoke has cleared. Black has won a Rook and two Pawns for two minor Pieces - quite a good bargain in this position, especially as there is a third Pawn to follow... (13) Nc3 Qxh2 (14) Qd3 a6 (15) 0-0-0 0-0. And not 15.. Qxf2? 16 Qd8 mate! Although he is material down White has vague tactical counter-chances with the Black Queen offside and some prospects of a later Kingside attack. However, that is just the sort of thing that a computer is best equipped to deal with, and in what follows, White loses further material through thrashing around. (16) Bc5?! Re8 (17) Nf3 Qxg3. A fourth Pawn goes. Objectively White should not have moved the Bishop from f2, but defending it there would have been rather passive. (18) Rg1 Qh3 (19) Bf1 Qh6+ (20) Be3 Qh5 (21) Ng5. By chasing the Black Queen White has gained time to mount a Kingside demonstration, but with no target in sight this really can't work. Bg4 (22) Bg2. 22 Nge4 would have been better, to keep the g-file open. After 22.. Nxe4 23 Qxe4 Bf3 24 Qc4 White is obviously lost, but his Pieces have attained some temporary co-ordination. Rad8 (23) Qc4 c6 (24) Nce4 Nd5! 24.. Nxe4 25 Bxe4 h6 26 Nxf7! would have given White hope again. (25) Bd2 Qh2 (26) Qf1 Nf4 (27) Nf3 Ne2+! A nice little combination to simplify the position and even win further material. Since the main line is only five half-moves this is well within PAR EXCELLENCE's capacity at this rate of play (40 moves in 2 hours). (28) Qxe2 Bxf3 (29) Qf2? If either Piece re-captures on f3 then 29.. Qxg1+ comes. However he should really have tried 29 Qe3 Bxg2 30 Qf2. (29).. Bxe4.

And White resigned. Bearing in mind that this is the shortest Game/Analysis in the set of 6 you can see it is worth sending to Competence (address elsewhere) for the full set.

HITECH (White) v SCHACH 2.7

I expect that quite a few Readers will have played through this game from NS/9. Actually a most interesting thing occurred after Black's 19th. move.

This was the position:-



And HITECH, in playing his 20th. move, announced Mate in 8! Vlastimil Hort/GM who was analysing for the Cologne audience simply didn't believe it, but play went..

(20) Bb5! Bxb5 (21) Qxh5 g5 Needed to avoid 22 Rxc6! hxc6 23 Qxc6+ and mate in a moment. (22) Bxg5 fxg5 (23) Rxc6+ Kh8 (24) Rg1 and Black resigned because of the mating threat Qxh7+. So, Mate in 8!

I can't really say that I expected any of my Micros to come up with HITECH's amazing find of 20 Bb5, but I did give them all a go... and they didn't!

However the EXPERT/5, AMSTERDAM, and FORTE all chose (23).. Bxg5 instead of Kh8. In analysis that I have seen on this Game the most enlightening comment so far has been - 'not Bxg5 24 Qxc6+ which also leads to Mate'. I had the NOVAG's EXPERT/5 and FORTE, the MEPH AMSTERDAM and FIDELITY's ELITE 2100 available and so put the question of the Mate to them.

The EXPERT/5 (which was quickest to find 21.. g5, just beating ELITE 2100) was also first to find the new Mating method, again just beating ELITE 2100 and ahead of FORTE, then AMSTERDAM... but Mate when?

The best the Computers and I can find is:-

(23).. Bxg5 (24) Qxc6+ Kf7! (25) Qh5+ Kf8 (26) Qh6+ Kf7 (27) Qxh7+ Kf6 (28) e5 Kxe5 (29) Qg7+ Kf5 (30) Qf7+ Kg5 (31) Rg1+ Kh6 (32) Qg6 mate in 13!

MEPH AMSTERDAM (White) v NOV FORTE (1min per move)

(1) c4 e5 (2) Nc3 Nc6 (3) Nf3 Nf6 (4) e3 Bb4 (5) Qc2 0-0 (6) Nd5 Re8 (7) Qf5 d6 (8) Nxf6 gxf6 (9) Qh5 d5 (10) Bd3 e4 (11) cxd! Nb8 (12) Bc2! exf (13) Bxh7 Kg7 (14) gxf Kf8. Rh8 or Re5 better. (15) a3 Ba5 (16) b4 Bb6 (17) Bb2! Ke7 (18) Rg1! Nd7 (19) Rg7 Ne5 (20) Bxe5 Qxd5 (21) Bxf6+ Kxf6 (22) Qxd5 Kxg7 (23) Be4 a5 (24) Qg5+ Kf8 (25) Qh6+ Ke7 (26) Qh4+ Ke6 (27) bxa Rxa5 (28) Qh6+ f7 (29) Bg6 Rg8 (30) Qh7 Rf8 (31) Qg7 Bc5 (32) Qxc7 b6 (33) Rb1 Rxa3 (34) d4 Kd5 (35) dxc5 resigns 1-0. 35... bxc5 36 Be4+ is hopeless for Black. A superb Game by MA; here is FORTE's best from the 1min Match.

MEPH AMSTERDAM (White) v NOV FORTE (1min per move)

(1) c4 e5 (2) Nc3 Nc6. Same Opening so far! (3) e3 g6 (4) d4 d6 (5) d5 Ne7 (6) e4 Bg7 (7) Nf3 Nf6 (8) Be3 Ng4 (9) Bg5 0-0 (10) Be2 f5! (11) 0-0 Kh8! (12) exf gxf (13) h3 Nf6 (14) Bxf6? Bxf6 (15) Ne1 Ng6 (16) Nd3 e4! (17) Ne1 Nf4 (18) Rc1 Rg8 (19) Kh1 Bd7 (20) Rg1 Qe7 (21) Nc2 Qg7! (22) Ne3 Ng6 (23) Qb3? Rb8 (24) Qd1 Nf4 (25) Rc2 Bd4! (26) Qf1 Ng6 (27) Nb5 Bxb2. MA didn't think this could be played. (28) Qb1. Nxc7 better Be5 (29) Nxa7 Nf4 (30) Nb5 c6 (31) Nc7 Bc8! (32) Ne6? Qb6 better. Nxe6. Simple! (33) dxe6 Bxe6 (34) Qb4 b6 (35) e4 Qg5 (36) Rb1. The b-file placements are a false hope. f4! (37) Ng4 Bf5 (38) a5 f3 (39) exb Bxg4 (40) Bf1 fxg (41) Bxg2 Bf3! (42) Bxf3 exf3 (43) Qe3 Qg2 Mate 0-1.

NOV FORTE (White) v FID 2100/PAR E (Game 5, 3mins per move)

(1) e4 e5 (2) Nf3 Nc6 (3) Bb5 a6 (4) Ba4 Nf6 (5) 0-0 b5 (6) Bb3 Bb7 (7) Re1 Bc5 (8) c3 d6 FORTE now out of Book. (9) d4 Bb6 (10) Bg5 h6 (11) de5 This puts the FIDELITY out of Book as well.. hg5 (12) ef6 Qf6 (13) Bd5 0-0-0 At this point the Evaluation Functions of both Machines indicates that each thinks itself slightly ahead. (14) a4 g4 (15) ab5! ab5 (16) Bc6 With this move the FORTE Evaluation shows he now thinks that the 2100 has the edge.. Bc6 (17) Nd4 Qh4 (18) Kf1 Bd4 18.. b4 the selection until the last moment. The 2100 still thinks itself ahead, but now the FORTE re-assesses its own position as very favourable! (19) cd4 g6 (20) Qc2 Bb7 (21) Nc3 Qh2? Much too risky (22) Nb5 Rd7 (23) Na7 Kd8 FORTE expected Kb8 which definitely looks the right move (24) Qb3 c5 (25) Qb6 Ke7 (26) dc5 Qe5 (27) c6! The winning move and apparently not expected at all by the 2100.. Rh1 (28) Ke2 Ba6 (29) Ra6 Qe4 (30) Qe3 Re1 (31) Ke1 Qe3 (32) fe3 Rc7 (33) Nb5 Rc8 (34) c7 g3 (35) Rc6 d5 (36) Rc5 Kd7 (37) Rd5 Kc6 (38) Rd8 Rc7 (39) Nc7 Kc7 (40) Rf8 1-0

NOV FORTE (White) v FID 2100/PAR E (Game 9, 3mins per move)

(1) e4 e5 (2) Nf3 Nc6 (3) Bb5 Bc5 The FIDELITY plays this line in the Ruy Lopez particularly well (4) c3 f5 (5) d4 fe4 (6) Bc6 dc6 (7) Nfd2 Bd6 The Machines exit their Opening Books with their next moves (8) de5 e3 (9) fe3 Bc5 (10) Qe2 Qh4 At this point and until moves 18 and 19 both Machines assess the FORTE's position as worth about +1pawn (11) g3 Qg4 (12) Nf3 Be6 (13) Nbd2 0-0-0 (14) b4 Bb6 (15) a4 a5 (16) ba5 Ba5 (17) Bb2 Ne7 (18) 0-0 After this the FORTE position starts to deteriorate. (18).. Nd5 (19) Rac1 Nb6 (20) e4?! The 2100 had expected Ra1, assesses his own position as slightly better; after this his advantage increases considerably.. Na4 (21) Ba1 Nc5 (22) Rcb1 Nd3 (23) Qg2 Qh5 (24) Qe2 Expecting Nxe5, but FID has a nice intermediate move.. Bb6+ (25) Kh1 Ne5 (26) Qe1 Nf3 (27) Nf3 Bh3 (28) Nd4 Bf1 (29) Qf1 Rhf8 (30) Qg2 c5 (31) Ne2 Rd2 (32) Re1 c4 (33) g4 Qa5 (34) Qh3 Re2 (35) g5 Kb8 (36) Rd1 Ra2 White resigns 0-1.

There have been 4 draws in the Match so far; 2 ending up King + Rook v King + Knight! Having had the advantage of the Rook once each, honours in this area are exactly even!

STOP PRESS

FID 2100/PAR E pulls one back; now 8-6 for FORTE.

NOV FORTE graded 178BCF (2024) in the Commonwealth Champs; now obtains 181BCF (2048) in the American Express Quickplay

The MIKE BASMAN of CHESS COMPUTERS?

I have just completed Mike Basman's latest CHESS TEST in his POPULAR CHESS pitting various Chess Computers against the Game which was played by Mike against Jon Levitt in the British Champs.

The Computer scores were:- NOV EXPERT/5 48 from 69, NOV FORTE 44, FID 2100/PAR E 38, MEPH AMSTERDAM 38. In most Tests like this the MA tends to just win with the others very equal a point or two behind so I conclude the EXPERT likes the BASMAN style!

 The RATING LIST by ERIC HALLSWORTH, October 1986 (replacing all previous Lists).

The last few Lists have included a guide to the number of Games on which a Rating is based and a figure indicating likely Cost. These are excluded THIS time (but will return in future Issues) - I felt it vital in view of the change in RATING LEVEL to attempt as priority the inclusion of as many Machines as possible so that all previously quoted Ratings have been 'replaced'.

HiTech	2322	21	MEPH BLITZ	1933	48	LA REGENCE/L'EMP	1746	
Cray Blitz	2280	22	FID ELEGANCE	1932	49	MYCHESS II	1739	
BeBe	2189		Psion/8MHz	1926	50	FID SENSORY 9/2	1725	
Meph Cologne/18MHz	2188	23	NOV SUPER CONST/4	1919	51	SCI TURBO 16K	1699	
Belle	2168	24	CONCHESS/4	1916	52	MEPHISTO 2A	1682	
1	MEPH AMSTERDAM	2133	25	NOV QUATTRO	1885	53	MEPHISTO 3A	1679
	Nuchess	2057	26	FID PRESTIGE	1865	54	WHITE KNIGHT 11	1671
2	NOV EXPERT/6	2047	*27	MEPH SUPERMONDIAL	1862?	55	CHESS 2001	1671
3	CONCHESS PLYMATE/8	2039		Cyrus 68K	1859	56	SCI SUPERSTAR	1666
4	FID 2100/PAR EXC	2030	28	SCI SUPERSTAR 36K	1848	57	SCI EXPRESS 16K	1666
5	MEPH REBEL	2029?	29	CONCHESS/2	1845	58	CYRUS 2.5	1665
6	FID AVANT GARDE	2028	30	MEPH EXCL S	1845	59	CONCHESS A0	1658
7	NOV FORTE	2022	31	FID ELITE A	1843	60	FID SENSORY 9/1.5	1656
8	NOV EXPERT/5	2020	32	PSION/QL	1843	61	GGM + STEINITZ	1651
	Advance 68K	2010	33	FID ELITE B	1836	62	WHITE KNIGHT 10	1642?
9	CONCHESS PLYMATE/6	2004	34	NOV CONST/3.6	1836	63	MICROMURKS	1640
	Lachex	2001	35	FID SENSORY 12	1823	64	SCI C/C MARK 6	1630
10	SCI TURBO KASP/5	1997	36	SARGON 4 AVE	1810	65	MEPHISTO 3	1629
11	FID EXCELLENCE/4	1989	37	MEPH MONDIAL	1784	66	CYRUS I.S	1627
12	NOV EXPERT/4	1987	38	SARGON 3	1780	67	SUPERCHESS 3.5	1614
13	CONCHESS/6	1968	39	WHITE KNIGHT 12	1779	68	SUPERCHESS 3	1609?
14	SCI TURBO KASP/4	1966	40	COLOSSUS 4	1775	69	MEPHISTO 2	1605
15	MEPH MM2	1963	41	SUPER ENTERPRISE)	1772	70	COLOSSUS 1	1605
16	CONCHESS. PLYMATE/4	1957		ADV STAR CHESS)		71	CONCHESS A	1597
	Advance 3	1955	42	AMSTRAD 3D CLOCK	1770	72	CHESSMASTER	1594
17	FID ELITE C	1948	43	FID ELITE OLD	1768	73	GGM + MORPHY	1583
18	NOV SUPER CONST/5	1947	44	COLOSSUS 2	1765?	74	SCI C/C MARK 5	1583
	Orwell 85	1940	45	NOV CONST/2	1764	75	FID PRODIGY	1546
19	FID EXCELLENCE/3	1935	46	SCI TURBO 24K	1752	76	MORPHY ENCORE	1544
20	SCI TURBOSTAR 432	1935	47	PHILIDOR I.S 2	1746	77	SPECTRUM 2	1523

 SOME FINAL THOUGHTS

As all Readers know, the NEWS SHEET comes to you FREE... but DONATIONS towards the costs are always appreciated - my thanks to all of you who support me in this way. Also thanks to the many who send Games, Results etc... they may rarely appear in the NEWS SHEET but I assure you I am always glad to hear from you!

If you write to ANY of the DISTRIBUTORS, RETAILERS etc, please do mention the NEWS SHEET! I am not on any commissions but if Distributors especially know that the NEWS SHEET is bringing THEM business, they will keep ME fully acquainted with Information for passing on to Readers. On the other hand many Readers write me direct for advice and I always write back as quickly as possible and arrange for Distributors to send on Leaflets and Information which is felt to be most useful.

-	-	-	-	-	-	k
-	-	-	-	-	-	-
-	-	-	-	-	-	b
-	-	B	-	p	-	-
-	-	p	N	-	-	P
-	-	P	n	P	-	-
-	r	-	-	-	P	P
-	-	-	-	-	-	K
-	-	-	-	-	-	R

This is the position after 37 moves of the Basman/Levitt game used in POP CHESS. With White to move Mike awards 2pts for Rh3 (the move played and leading 3 moves later to a draw) and 4pts for Bxc4. There is some grand analysis given along with this, but nothing else scores. However ALL the Machines chose (38) g3 and this seems to retain an advantage sufficient to win (to me!) After ..Rxf2+ (39) Kg1 Rb2 the MA chooses 40 Bxc4, the 2100 40 h5 and the FORTE 40 Kf1 Rf2+ 41 Nxf5. Can anyone extend the analysis to show the draw for Black?

Eric