They have wrecked havoc on numerous tees and fairways in their search for worms, but hopefully this little headache will be solved as I have just obtained a licence to set various traps to reduce the population. As you can see, we need a licence for everything here in Germany.

Geman golf is enjoying a "boom" at present, with large numbers of beginners applying to join clubs, but it is very, very expensive compared to golf clubs in the UK. Entrance fees for a new member can cost anything up to £100,000, plus an annual subscription of £2,000.

The atmosphere at Golf Club Olching can be described as friendly, though they take their etiquette very seriously. On tournament days, the players join in with a meal in the club-house after the competition, followed by the prize giving and this makes for a very enjoyable evening. Food and drink is always served on the course at the half way stage for major events. In the summer, cold drinks, ice-cream and sandwiches, in spring and autumn it is usually hot soup and warm rolls.

As a relatively new sport, golf course etiquette leaves something to be desired and differs from club to club. Some for instance allow the members to bring their dogs with them to walk the course during a round, though they are supposed to be on a lead. More often than not the owner slips the leash, causing a great deal of aggravation to the greenstaff, who the dogs probably feel have no right to be there! Etiquette is a problem the professional golfers have realised will have to be tackled and a number are now holding behaviour evenings which will hopefully improve the situation.

Moving to a country with a foreign language, despite the fact we are all part of the European Community is very demanding and requires considerable stamina. For every five ex-pats from Britain who arrive here to seek their fortune, three will return home, unable to adjust to a new way of life. It is the single man without ties that golf clubs will seek out. The married man with children will find it much more difficult to adapt, not only because of the language barrier, but the difficulties with schooling, a job for his wife and the ability to make new family friends.

Learning German is absolutely essential, but most clubs will pay for language courses. It is not necessary to be fluent, though the better one can communicate both in the written and spoken word, the easier the job and for that matter your social life becomes.

For instance the paper work is never ending, what with work permits, health insurance, registering as a citizen, plus the usual daily requirements to complete forms, order materials and the hundred and one other items of literature.

Having printed the black side, with perseverance, hard work and a determination to succeed, the rewards will actually be reaped. New golf courses are under construction throughout Germany, offering the opportunity to move on to better positions, find greater challenges and seek improved status, with of course the advantage of higher salaries.

All work, despite its challenge, can make Jack a dull boy, so there is also time for relaxation. Any member of the staff can play in the club tournaments and this is something I try to do when possible. Playing off a 16 handicap I have managed to win two of the club events this year, which I must confess has given me a great deal of pleasure.

The course there is the Munich Beer Festival in October. Ten tents each one housing over 5,000 people, take three months to put up. There are also rides shooting galleries, side shows and many other attractions, but for me, I'll settle for the German beers! I have not regretted exchanging the steel mills of Sheffield for the motor manufacturing of Munich, nor the Derbyshire Peaks for the Bavarian forests. In this part of Germany the course is usually playable from the beginning of March until the end of December and these are the months when all the work has to be completed.

There is no overtime payment and in the spring and summer the days are long and hard, but there is always the three monthly holiday to look forward to - and if you skil! But that's another story.

We cut out our ski-tracks on the course during the winter, so people can go cross country ski-ing. The club own a snow mobile which makes the tracks as it is driven along. There is little or no damage to the course as the greens and tees are fenced off at the end of the playing season to keep the ski-ers on to the open part of the fairways and rough.

If any greenkeeper would like to know more about applying for jobs in Germany, then don't hesitate to write. I would be very pleased to answer any questions that they might have that hasn't been covered. *Stephen Goldthorpe can be contacted c/o Golf Club Olching, Fourstrasse 89. 8037 Olching. Nr. Munich. West Germany.
Cirencester Golf Club gets a new 18th fairway

by John Campbell

Any courses have potential bottleneck spots where holdups occur during busy periods slowing down play and causing frustration to golfers. Cirencester Golf Club is one course who have successfully dealt with a problem area, which was often a source of slow play. Two holes, the 14th and 18th share the same fairway along a deep valley with play going in opposite directions.

The 4th, measuring 377 yards, is one of the good holes on the course played up the valley flanked by a steep hillside of rough on the right. The run of the ground is against play, calling for a good drive and a well placed second shot to a raised green set into the foot of the left hand slope. The green is strategically bunkered with no room for error.

Higher up the slope, overlooking the 4th green is the tee for the finishing hole, 457 yards running in the opposite direction, which demands a downhill drive into the valley towards oncoming traffic playing the 4th hole.

Phillip Franklin, Green Chairman at the Club explained, "They are both good holes but the snag is having to share the same fairway, it was always a source of slow play and potentially dangerous for golfers. Really we are in a situation now, where every fairway should be separated in view of the amount of play taking place."

"We decided the time was ripe to alter the 18th hole, by carving a new fairway out of the hillside along the valley to create an alternative route to the green. The earthmoving work was undertaken by a local contractor with a Hy-mat under our own supervision. The bulk of the work was carried out last year.

Phase 2, this autumn, involved minor adjustments to increase the ball landing area for tee shots, also additional subtle mounding of features, so that the whole thing blends in naturally with the surroundings."

"Ground clearance work at the start entailed the removal of 31 mature conifer trees from the site and a further 9 were taken out after much consideration during stage 2, to enlarge the tee shot landing area. It was our desire to preserve as many trees as possible, for they provide a shelter belt and have always been a feature on this part of the course."

"It took six weeks with the Hy-mat to move about 10,000 tons of heavy material and 600 tons of topsoil to provide a seed bed to finish the job. Machine hire cost £12,000. Imported top soil £2,000. Grass seed £600. An elevated tee was built by our own greenkeeping staff, which gives an excellent view of the fairway ahead, which slopes gradually downhill into"
DEVELOPMENT

View of fairway from a tee shot landing spot. The position marked by small bush on horizon between gap in the trees. Exposed soil left and right is where features were modified this autumn to enlarge playing surface width.

the floor of the valley,” Phillip Franklin added, “I suppose by the time all the work has been completed we will have spent around £20,000 on the project.” Building this new fairway will make a considerable difference to the smooth flow of play, particularly at peak periods and it is estimated that it will reduce by up to 40 minutes a round at the end of the day. The new 18th will undoubtedly be a challenging test for all golfers. It already has its own character, where the elevation provides splendid views over the rest of the course and surrounding countryside.

Looking down the new 18th fairway towards the green in front of the white building. Soil areas in foreground are where features were modified during phase 2.

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The demand for golf

Simple arithmetic has produced the figure of a 700 course deficiency, 600 of them in England - but this is clearly wishful thinking and takes no account of the difficulties in providing them. Such problems would have been brought to light by exposing the paper to debate and discussion by qualified persons and bodies before publication, such as the EGU Golf Development Committee. As it stands, the paper will be of value in stimulating discussion and lead to a much more accurate assessment of the realistic and achievable demand. To fail to ask the opinion of either the Architects or the Contractors, through their Associations, seems to be an extraordinary omission. Indeed it is not very clear who provided at least some of the evidence on which these conclusions were based and recommendations made.

by Jim Arthur

It is in connection with the deductions based on wrong criteria that the greatest exception will be taken by those who really know the more accurate picture.

Equally, one must admit that in periods of enormous change, it ill behoves anyone to stick rigidly to the precepts which governed previous decades. One is all too conscious of the extent and rapidity of changes taking place in Eastern Europe, to dismiss such a scale of change in golf as totally impossible - but it is certainly stretching credulity to the limit to calmly state that we must build more golf courses in the next decade than in the previous eight, especially when no account is taken not only of the inordinate time it takes to get any new project off the ground in terms of planning and financial restraints but, even more pertinently, the huge problems in regard to planning permission and conservation limitations, which are not even mentioned, nor is the desperate scarcity of even half reasonable land or the equal shortages of Architects to design the course, Contractors to build them, Greenkeepers to look after them and Advisers to deal with problems. Eighty years ago, in the pre 1914 boom, excellent golfing country could built for nothing and courses cost even less to build.

It is with regard to the recommendations based on these assumptions that issue must be taken. The first is the rash assumption that the interest in golf will continue to expand on a straight line graph - and life certainly never runs so smoothly and predictably and golf, like life, has always suffered from ups and downs, as many of us can confirm on both counts! Golf has boomed in response to television coverage but there are signs that television's paymasters are looking askance at present levels of cover, let alone considering increasing them. Participation and organisations in many activities and sports have had unpleasant surprises in the past when television coverage was reduced, and golf is not immune.

Sources of providers of the new courses are briefly itemised - but many are debatable. The report accepts that member clubs can take no more golfers - but what is does not say is that many are considering taking far less. Societies and asking members to pick up the financial short-fall. This will have increasing relevance if the Inland Revenue persists in the view that the money from societies is primarily being used to keep subscriptions lower than they would be and so would be liable to taxation. Whilst accepting that there can be no significant provision from creating new member-owned and run clubs to fill the need, the report suggests that members clubs ought to use adjacent spare ground to provide public facilities - but this is highly debatable as very few Clubs that I know have any such spare land, especially in areas where it is most needed. Most are increasingly cramped by today's demand for extra length to accommodate longer drives with improved balls and clubs to bother about providing facilities for non-members. I doubt whether this source might produce more than about 1% of the demand, if that.

Local Authorities, it is suggested might help but, in England anyway, where the demand is greater, none has spare cash for such expensive developments and are in any case being pressed to privatise the management of their existing courses. Public course golfers may get a nasty surprise - with a...
round of golf on public courses quoted in the report at only £1.70 for Richmond Park, down to 44p-90p in Scotland. With greater accountability to unit costs, cheaper and more novel extravagances being more obvious in the near future, I cannot see municipal authorities filling any of the need. The report accepts that proprietary courses and clubs will provide the major share of the increase - but ignores the fact that golf courses built by hotel groups are not for the benefit of the golfing public but are there to fill hotel bedrooms, attract conferences, or even to build houses round them. Many in fact insist on some proof of competence before paying guests are let loose to wreak havoc on heavily played courses. Clearly there is a limit to the number of such hotels on grounds of sharing a limited market. Furthermore, experience contradicts the report, in that if there is a club at such 'hotel facilities' it is there purely for social and competitive reasons and is barely tolerated and certainly has no influence on course presentation, for which those incharge are duly grateful. All this may be of some encouragement to the more proficient of club-less golfers but holds out little real hope for the beginners whose enthusiasm can be measured in reverse order to their ability. There may also be scope for a very, very few proprietary ventures where money is no object and sheer expensiveness keeps membership exclusive, but some of these multi million pound ventures could well be vulnerable to any change in the country's economic health - quite apart from the fact that some have been built to standards more suited to the Middle East, producing conditions which both research and practical experience shows will not stand up to being intensively played on during our wet rather than very cold winters and relatively short growing period. At the other extreme the report suggests that very inexpensive courses may be built to supply local demand. This advice to entre-preneurs to start low-cost, low-risk ventures might just work if some ideal natural golfing country is available. This was to our forbears, but it almost never is. Light, sandy, free-draining sites are rare indeed. What is generally available is heavy, poorly-drained, flat land where skimming of (expensive) drainage means problems. Frankly the days when one could fob off rubbishy conditions on new entrant golfers are over. As the Society problem illustrates, many are used to playing over the best courses. Advice to build on the cheap and improve later is simply bad advice. One does not seek to spend millions but skimping on basic specifications means eventual rebuilding to achieve a longer playing season and better profitability - with all the vastly increased costs as well as disruption to play and income. "Do it right first time" is a much better maxim than "fix it later" and applies equally to small DlYs schemes as to major hotel-based tournament ventures, whether built 20 years ago or recently.

The one recommendation that the report should have made is missing. That is that there must be some form of control, or if that is impossible, detailed advice must be readily available to developers on the question of specifications as well as the practical advice offered by the EGU golf development committee. We want to see no more of those awful muddy golf-in-a-field ventures of twenty years ago, with ryegrass fairways and with bad drainage. Equally we do not need vastly expensive courses built with pure sand greens which research at the STRI has demonstrated so clearly are simply not relevant to our climatic conditions. If such greens are not fed generously with lime, as well as with phosphate and potash, the grass just dies - not surprisingly in such sterile hydroponic conditions. If it is fed, then the fine grasses (often of strains bred especially to withstand very high temperatures and the associated very high irrigation of hot arid environments) revert to annual meadow grass which is not a risk in desert conditions and as the recent heavy rainfall has shown, those unplanted, research plots flood! Waterlogged conditions on pure sand? Yes, because the water is held by the annual meadow grass thatch. By sand greens, few people expect 'browns' - i.e. greens with no grass on them, even if they do drain well!

I understand even the latest extravaganza to be built in Surrey, to a design by Robert Trent Jones Jr., will have a sand-soil mix for its greens. Advice in the report to start with nine holes in preference to eighteen is again short sighted. In all costs, by they construction or maintenance, nine holes cost disproportionately more than half the same items for eighteen but the revenue is only half at best. One of the first rules of feasibility surveys is that if financial restraints make a start on nine holes inevitable, there must be adjacent space to develop the second nine quickly, or the project is unviable. Similarly golf courses must have excess of a hundred bedrooms, with two 18 hole courses, to be guaranteed to be an economic success.

Another dubious source advised by the report is the development of 'surplus' farmland. This is so fraught with problems that few proposals actually take off. One problem is that often the land is too distant from its potential clients, with no major attraction locally to draw customers. Unless there is a hotel with ancillary attractions (swimming pool, sauna, squash, tennis etc.) clients will not come and frankly farmers have in general little experience of dealing with the human race and so must employ costly management, so good bye to the profits. Furthermore, developers want to build their own hotels and are not ready and willing to take over existing affairs and what farmer wants to sell his land for a marginal (development) profit - even if he could negotiate in addition a small share of the profits.

Another problem with farmland is that it is all too often flat, prairie land devoid of natural features and what is far worse is that it has been intensively farmed with such high residual soil fertility that it is impossible to grow fine turf on it - it becomes golf in a meadow and a high-cost meadow for maintenance at that! Costs of construction to provide some contours or features or tree planting are consequently much higher. It is worth noting even in America, where far from disinterested sources claim that the needs of golf can be met only by opening one new course every day for the rest of this century, there are areas away from the coast or in basically dull farming areas where supply exceeds demand. In other areas climatic considerations, from the extremes of deep snow to a combination of heat and humidity, limit the effective playing season to much less than the full year and there, unless clubs can charge members more to pay for the high cost (e.g. disease control) of times when they cannot or do not wish to play, some clubs are in financial difficulties. Equally, one has to admit that in the States there are enough examples of entrepreneurially-built leisure centres, initially without a golf course, lacking profitability, which has dramatically improved by later incorporating a golf course.
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Where, then, do we go from here. Clearly a level of 700 new courses is highly unlikely even if they were all needed. There is no law which says the demand for golf will continue to expand on a straight line graph - and indeed all the experience this century shows a cyclic pattern with peaks before the First World War, again in the twenties, in the sixties and currently.

Who is to provide these new facilities? Clearly it is not going to be by new member-owned clubs, and the supply for local authorities, entrepreneurs and farmers will be relatively small. The bulk must come from hotel and leisure groups who are the only ones with the money - and money is needed in a form, since we are not just talking about new courses but the associated 100 + bedroom hotel and leisure buildings. This again must be limited or it could be self-defeating - you can easily end up with excessive competition leaving low occupancy rates!

My guess is that we shall see perhaps a maximum of 200 new courses in the next decade - and we shall be hard pushed to find the money, the land, the architects, the contractors and the greenkeepers to build and run them well, quite apart from endless battles with planners and conservationists.

There are welcome signs that the Nature Conservancy Council do not now automatically reject any golf course proposals, even on environmentally sensitive areas (which are often on the best golfing country anyway), as they accept that golf courses when established, like motorway verges, are some of our most valuable conservation areas - less subject to man's interference over large areas than (especially) farmland. These developments will benefit the well-heeled element of new golfers but will do nothing for the rest. In areas where golf is the natural game we are probably reasonably well supplied with existing courses, but there is an undoubted need for expansion in high population areas and in traditional holiday areas. In such cases it may be more constructive for golfing authorities to mount an official campaign to woo the planners and coincidentally the conservationists.

There is however one point in the report which is unquestionably wrong and indeed dangerous. It concerns a proposal to set up a National Golf Development Council, chaired by the R & A, to include "all those who stand to benefit" from golf development. An advisory organisation is certainly needed and would be welcomed, but I would agree with the report that it is unlikely that "leadership from a group of honorary Committee members supported by a part of the available time of the EGU Secretary can provide enough input to achieve the dramatic increase in the rate of development of facilities." as the problem requires a more "full time" solution.

The National Golf Foundation in the States is quoted as the prototype. This is a trade-supported and motivated body which is kept very firmly at arms length by the USGA. Those formulating rules or providing impartial advice must never be seen to be in cahoots with those benefitting, or those who are penalised will call foul in very expensive Anti-trust law litigation. By all means listen to what interested parties have to say - but they should not be part of the ultimate decision taking. It is all very well talking about inviting trade Associations to contribute and worse still to pay - but it is as well to remember that not all members love each other and any apparent discrimination in favour of one (say a convincing lobbyist) would mean litigation by disappointed suitors. We have too many grandiloquently titled trade bodies already in this country taking on a "National" mantle. The NGF in America provides the statistical arm of golf - a useful function if you believe in statistics - and also feasibility surveys. Those of us in this country conducting feasibility surveys, if we are honest to ourselves and our clients, turn down far more than half of potential schemes as being predictable failures and usually make some qualification on the rest. This is why I think 200 new courses is top weight in the next decade in the U.K. but in the States "one a day until the end of the century" is still the parrot cry!

The R & A are to be congratulated for publishing "The Way Forward" and "The Demand for Golf". They are intended to create discussion and there is nothing like throwing a rock in a pool to stir ripples - as I should know being one of the best and oldest rock throwers in the business!

What is needed is sensible, informed and expert debate. It is certainly not going to come from those with an axe to grind nor from those who live in isolation from today's problems. What we need in the next decade is not only more courses but better courses (which might take some pressure off the existing ones). We are not going to achieve this by listening to the wrong advice or ignoring all the experience from previous golf booms. Hindsight has many advantages and should not be ignored. One must remember the parable of the old and young bulls and consider that the old one might just have a better answer than his junior.

Since this article was drafted and submitted in the form above, it has come to my notice that there will be an opportunity for discussion and debate of the document "The Demand for Golf" at a date early in 1990, this date shortly to be announced and advised to relevant parties by the Royal and Ancient Golf Club.
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| **MOMMERSTEEG INTERNATIONAL** Station Road, Finedon, Wellingborough, Northants. NN9 5NT Tel: 0933 680891 Telex: 311234 | Contact: Michael Perkins |
| **IRRIGATION** | **BELL TURF AND IRRIGATION SERVICES** Mufflers Holt, Everton, Doncaster, DN10 5DR Tel: 0777 814140 | Toro Agents for the E Midlands Full members of the BTIA |
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