



# BTME: KEY INFO

## PARKING

The park and ride service has been discontinued, but the hopper service remains.

Also, there are several public car parks within easy reach of the Harrogate International Centre (HIC) – please see the map.

## ACCOMMODATION

The map shows the location of the main hotels within the town.



## How to find the HIC

Harrogate is located centrally on the UK map with ready access to London and Edinburgh.

A first-class motorway network, mainline rail, sea and 24-hour air links ensure that Harrogate is able to offer all the benefits expected of a truly global location.

Harrogate has excellent rail and air links with regular train services to and from London King's Cross via York and Leeds

([www.nationalrail.co.uk](http://www.nationalrail.co.uk)) and Leeds Bradford International Airport is only 20 minutes from Harrogate with a regular bus service into Harrogate.

For details about travelling to Harrogate by public transport visit [www.transportdirect.info](http://www.transportdirect.info)

Car

From London:

M1 - A1(M) - J47 signposted Knaresborough and then follow the Harrogate signs.

From the North: A1 - J47 signposted Knaresborough and then follow the Harrogate signs.

From the East: M62 - A1(M) - J47 signposted Knaresborough and then follow the Harrogate signs.

From the West: M56 - M62 - A1(M) - J47 signposted Knaresborough and then follow the Harrogate signs.



## Car Parks in Harrogate



**300 CAR SPACES**  
**8 BLUE BADGE**  
**HOLDER SPACES**

### HIC car park

- Pay & Display operation.
- Allocated spaces for Blue Badge Holders.
- Access to HIC.
- CCTV monitored entrance/exit.
- Open as required for events Monday to Sunday.
- Opening times displayed next to ticket machines.



**440 CAR SPACES**  
**30 BLUE BADGE**  
**HOLDER SPACES**

### Jubilee multi-storey car park

(Closest car park for Royal Hall, Hall A and Hall M entrances)

- 'Pay on foot' operation.
- Lifts to all floors.
- Toilets and baby changing facilities.
- Comprehensive CCTV system.
- Open from 7am to 11.59pm (vehicles can be left overnight subject to an appropriate fee on exit).



**803 CAR SPACES**  
**24 BLUE BADGE**  
**HOLDER SPACES**

### Victoria multi-storey car park (5 min. walk)

- 'Pay on foot' operation.
- Lifts to all floors.
- Covered walkway to town centre.
- Toilets and baby changing facilities.
- Comprehensive CCTV system.
- Open from 7am to 7.30pm (Mon-Sat) 10am to 7pm (Sun & Bank Holidays) (vehicles can be left overnight subject to an appropriate fee on exit).



**331 CAR SPACES**  
**4 BLUE BADGE**  
**HOLDER SPACES**

### West Park multi-storey car park (10 min. walk)

- Pay & Display operation.
- Toilets.
- Comprehensive CCTV system.
- Open from 7am to 7pm (Mon-Sat) 10am to 7pm (Sun & Bank Holidays) (vehicles can be left overnight subject to displaying a valid parking ticket).



**187 CAR SPACES**

### Dragon Road Contractors car park (5 min. walk)

- Holding area for exhibitors and contractors visiting HIC.
- Free parking if an official collection/delivery pass is displayed in front windscreen. These passes may be obtained from the event organiser.
- Monitored by CCTV and, during build up/break down, a security and logistics team. At other times, a public pay and display car park.



**88 CAR SPACES**

### Odeon Cinema car park (10 min. walk)

- Pay & Display operation.
- Parking for 88 cars.
- 3 Blue Badge spaces.



**78 CAR SPACES**

### Park View car park (8 min. walk)

- Pay & Display operation.
- Parking for 78 cars.



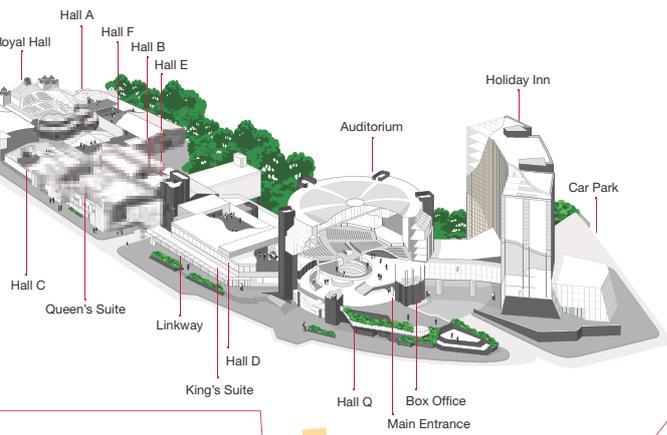
**65 CAR SPACES**

### Montpellier Shoppers car park (5 min. walk)

- Pay & Display operation.
- Parking for 65 cars.



# Harrogate International Centre



# Hotels in Harrogate

- |                    |                      |
|--------------------|----------------------|
| 1 Kimberley Hotel  | 8 Grants Hotel       |
| 2 Majestic Hotel   | 9 Holiday Inn Hotel  |
| 3 Old Swan Hotel   | 10 Cairn Hotel       |
| 4 St George Hotel  | 11 Cedar Court Hotel |
| 5 Crown Hotel      | 12 Studley Hotel     |
| 6 White Hart Hotel | 13 Yorkshire Hotel   |
| 7 Hotel du Vin     |                      |

# Harrogate Town Centre



## Restaurants

Alberts Bar & Grill  
Tel: 01423 568446  
Modern English

B.E.D  
Tel: 01423 568600  
Modern English

Bengal Spice  
Tel: 01423 502610  
Indian

Betty's  
Tel: 01423 814008  
Traditional English

Bistro Pierre  
Tel: 01423 533070  
French

Cattleman's Association  
Tel: 01423 516456  
Tex Mex

Chez La Vie  
Tel: 01423 568018  
Traditional English

Drum & Monkey  
Tel: 01423 502650  
Seafood

Harrogate Brasserie  
Tel: 01423 505041  
English

Joe Rigatoni  
Tel: 01423 500071  
Italian

La Tasca  
Tel: 01423 566333  
Tapas

Thai Elephant  
Tel: 01423 530099  
Thai

William and Victoria  
Tel: 01423 521510  
English

\*This list is not a guarantee of quality food or standard of service.

# FOR YOUR EYES ONLY

Come along to the BIGGA James Bond evening to be shaken not stirred, including casino and live entertainment

Further details coming soon...

To be held ~ Tuesday 22 January  
2013 @ 7pm to 10:30pm at  
THE OLD SWAN HOTEL,  
Swan Road, Harrogate, HG1 2SR

Tickets ~ £25 each including Arrival  
Drink, Carvery and Casino Chips

Dress Code ~ Smart/Casual

To purchase tickets please call Elaine  
Jones on 01347 833800 (Option 1) or  
email  
[moneypenny@bigga.co.uk](mailto:moneypenny@bigga.co.uk)



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Voucher cards are available from any catering outlet.

Once you have a voucher card, follow the instructions below to access the Wireless Network.



1. Enable the Wireless Network on your PC  
Some wireless clients require you to select or enter a wireless name (SSID).  
Where necessary, please use the name 'HIC\_Wireless'
2. Open Web browser
3. The welcome portal will appear, follow the simple instructions shown on screen to connect to the internet, using your voucher code.



harrogateinternationalcentre.co.uk

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# Destination San Diego

**BERNHARD**

**These are the ten BIGGA members who will be heading to San Diego for the Golf Industry Show next month courtesy of Bernhard – what’s sure to be a once in a lifetime experience.**

As well as the GIS, the delegates will visit golf courses in California and attend educational seminars at the Golf Course Superintendents Association of

America Education Conference.

Many thanks to all members who applied, and to all those who travelled for interviews. BIGGA Chief Executive Jim Croxton said: “Once again the standard of applicants was extremely high and the decision on the final ten delegates was a very tricky one.

“The successful group will enjoy a fantastic development opportunity on both a professional and a

personal basis in San Diego and will, I am sure, represent the Association with distinction.

We continue to be extremely grateful for the support from Bernhard & Co who have now allowed over a hundred BIGGA members to enjoy this valuable experience.”

Here are the successful delegates currently making plans to jet off to San Diego in February...



**LEE BRADY – First Assistant Greenkeeper, Muswell Hill Golf Club**

Lee has been greenkeeping for seven years and has gained his Level 2 and Level 3 in Sports Turf. He says he’s really looking forward to going to the States as he believes it will be a “once in a lifetime” opportunity to meet different people across the industry. He expects to be particularly interested to hear different ideas, visit the show and “promote all the good work BIGGA are doing.”



**ASA ENGLISH – Deputy Course Manager, Rothley Park Golf Club**

Asa began his greenkeeping career in 2002 as Assistant Greenkeeper at Charnwood Forest Golf Club, before moving to his current club. He’s been part of BIGGA’s volunteer support team at The Open Championships on several occasions which he says is “fantastic” for networking and improving as a greenkeeper.

He’s really looking forward to the trip which he hopes will be an excellent educational experience.



**ROBERT CLARE – Course Manager, Brough Golf Club**

Born in Dublin, he worked at several clubs in and around Dublin before leaving to further his education at Myerscough College, and over the course of 12 years completed his National Certificate, National Diploma and Foundation Degree.

He travelled to the USA to join the Ohio State Intern Programme and spent a year working on a course in Perth, Australia. After two years as Course Manager at Skipton Golf Club he then joined Brough Golf Club.

He’s married with two young sons, and as well as playing golf is a member of a target shooting gun club.



**DANIEL NORSWORTHY – Deputy Course Manager, The Richmond Golf Club**

Daniel began his career at Cranleigh Golf & Leisure Club, and after gaining his Level 2 qualification he joined The Richmond Golf Club. He continued his development, gaining his Level 3, and was offered his current position. He says he’s learnt much from Les Howkins MG at The Richmond.

His dream is to run his own golf course, and in his spare time he enjoys going to the gym, catching up with friends and attempting to play golf!





**BRUCE HICKS – Head Greenkeeper, Boston Golf Club**

Bruce has spent his whole 22-year greenkeeping career at Boston and holds City & Guilds 2 and SNVQ 2 qualifications. He is also Secretary and Treasurer for BIGGA's East of England Section, something he says he gets "enormous satisfaction" from. He adds he feels "very honoured" to have been chosen as a delegate. He has many hobbies including swimming and amateur theatre, and says he's "kept sane" by his wife and "driven crazy" by his two teenage kids.



**PAUL HANDY – Head Greenkeeper, Newport Golf Club**

Paul has worked as a greenkeeper at Newport for 15 years, and became Head Greenkeeper six years ago. He studied for his NVQ in Sports Turf at Pencoed College and is currently on a distance learning programme at Elmwood College.

He's been on the BIGGA South Wales Section Committee for five years and is in his second year as chairman. He was a volunteer at the Ryder Cup at Celtic Manor in 2010, and says he's a firm believer in sustainable greenkeeping using traditional greenkeeping practices alongside new techniques. In his spare time he enjoys golf, fishing and motorcycling.



**RICHARD JENKINSON – Deputy Course Manager, G West**

Richard, born in St Andrews, spent 13 years at the famous Old Course before moving to Archerfield Links. He then returned to full-time education, studying his HNC in Golf Course Management at Elmwood College. After completing this he joined the team at G West and was involved in all aspects of the final construction stages of the course. He's married with two young daughters, enjoys golf and football.



**JAMES PARKER – Deputy Head Greenkeeper, Close House Golf & Country Club**

James was a student nurse until 2007 when he changed his career path to greenkeeping. He joined Blackwell Grange Golf Club as an apprentice, then three years later was hired by Close House. He's now been on the support team for four European Tour events. He's completed his NVQ Level 3 and is about to begin studying for his Higher National Certificate, and is hoping to gain a greater understanding of American training techniques in San Diego. He's married to Sarah with one young son, and the couple are excitedly expecting another child in April. When time allows he plays golf and follows Leeds United.



**TIM JOHNSON – Assistant Greenkeeper, The Wilmslow Golf Club**

Tim's looking forward to seeing how greenkeeping practices in America compare with the sustainable golf course he works on. He also can't wait to meet greenkeepers from across the world and see the differences - and similarities - in how they overcome daily problems on their courses.

He enjoys playing golf, football and was featured in October's Greenkeeper International after he helped raise thousands of pounds for charity by pushing hand mowers across England with other crazed greenkeepers!



**DERRICK JOHNSTONE – Deputy Head Greenkeeper, The Wentworth Club**

Derrick started greenkeeping straight from school at 16, and studied for his National Certificate and Higher National Certificate, achieving Student of the Year on both courses. He worked for four years on the West Course at Wentworth before being promoted to Deputy Head Greenkeeper on the Edinburgh Course.

He's worked on 25 televised professional tournaments and been awarded Employee of the Year. He's married with a six-month-old son, and enjoys playing golf, watching football and travelling.



# Water idea

Steve Castle discovers how Woburn Golf Club's long-term water resource strategy is dealing with recent usage restrictions which can hugely affect golf courses

## PROFILE

**Name:** John Clarke

**Born:** Ulverston, Lake District

**Marital status:** Married with nine-month-old daughter

**Handicap:** 12

**Hobbies:** Walking springer spaniel Hesper, mountain biking

**Favourite sports team:** Liverpool FC





Archaeologists working on the new reservoir site

**It's tempting to visit Woburn and depart waffling about the various legends who have graced the fairways before waxing lyrical about the fact all three of their courses have been rated in Golf Monthly Magazine's top 100 in the UK and Ireland and name-dropping Ian Poulter.**

But you'll already know all of this. However, did you know that the club are embarking on a water resource project of staggering ambition and size? That they're building a huge reservoir where archaeologists have recently located Roman kilns? That they're aiming to drastically reduce their annual water bill?

volume usage and we were to be classed as an 'industrial user' along with factories and breweries. We would have to forecast our peak usage over the year – known as the Maximum Daily Demand (MDD). Essentially we were being charged all year round for the one day when we used the most water.

"In theory, this would allow water companies to forecast demand and promote water efficiency measures – but with potentially disastrous financial consequences for golf clubs."

John adds: "It's certainly a contentious move, charging industrial prices without removing the possibility of drought restriction seems very punitive.

The drought restrictions were never intended to negatively impact upon businesses, but a blanket ban does exactly that for many UK golf courses.

"The change in tariff gave us the added incentive to push forward with plans for bulk storage as we would have a considerable return on investment alongside the environmental benefits of using less water."

Spring 2010 saw Woburn working closely with Rainbird Irrigation to bring in tools to measure meteorological data and soil moisture levels quickly and easily.

"We also wanted to be able to manage our systems remotely so we could shut down applications and fill when significant weather events allowed. We checked application rates, nozzle run times and replaced sprinkler heads on our oldest system on the Marquess' course.

"We also looked at the minimum requirement we would need per night at the height of the season

**"Under the Maximum Daily Demand scheme, essentially we were being charged all year round for the one day we used the most water"**

utilising the highest recorded evapotranspiration rates for our site. These figures then had to be balanced with how much storage we had available and how many nights' use this would provide without filling the tanks on demand.



“We have 1500 cubic metres storage across the site held in three separate tanks, which is barely one days’ water for the courses in dry periods because we are able to water wall to wall. We needed something big enough to take the seasonality out of filling and watering and through meticulous planning and design came up with a plan for a tank holding 105,000 cubic metres’ capacity – in other words, a reservoir.”

We then join John’s springer spaniel Hesper to see the reservoir construction at first hand. It’s staggering to see the massive scale of this and it’s fascinating to see teams of archaeologists excavating what will soon become a water storage facility capable of holding so much of the stuff. The archaeologists have even located several ancient Roman kilns, (a type of oven for metal work) which need to be painstakingly removed.

To the right of the five hectare site are huge mounds of earth removed, probably 25 feet high showing the extent of the project so far - and the excavators are yet to move in! The reservoir is due to be completed in time for the 2013 season.

All in all, it’s a vast project and John acknowledges an undertaking of this scale is only possible at a large club with significant financial backing and a supportive and knowledgeable owner. However, he’s also eager to stress that a progressive long-term water management strategy is critical and achievable, at any golf club as water bills inevitably climb.

He says: “A smaller model could be adopted in a different location. The bottom line is, we aim to get our water bill down to roughly £25,000 a year. This year, following many mitigation measures we still spent £125,000 so the return on our investment will be within six or seven years.

“The individual Head Greenkeepers and I have had to be extremely diligent and flexible in managing the consumption for three championship courses, using 500m<sup>3</sup> across all three courses each night.

“Our Irrigation Manager Lee Murdoch reads all of our meters, sets up all of the night time irrigation programmes and forecasts the weekly usage using weather forecasts and soil moisture readings. This gives him the information required to split the MDD figure between the three courses.

“At the start of the project our entire focus was watering the course according to the bill. We are now trying to get to a point where

we water the course in the best interests of the turf, because we’ve eliminated the billing issues.

We’ve learned a lot along the way about how best to manage this precious asset and I’m sure we’ll need to continue using these principles as our climate continues to change.

“This project would not have got off the ground without the support of our consultants WRA, Paul Williams from the Bedford Estates and of course from the Duke of Bedford and the Woburn Board of Trustees.”

The Club, which is part of the Bedford Estates, aerate monthly with light top dressing and annual hollow coring each August to keep them dry. They aerate into the night under lights and close each of the courses a week in every month of the winter for drainage, aeration and bunker reconstruction. As John says “The healthier the greens are, the harder we can push them.”

When I pulled into Woburn’s car park earlier, I vowed to leave with a much greater understanding of the water resource project, increased knowledge of the water-based challenges facing golf clubs and to refrain from mentioning Ian Poulter at any point in the subsequent article. Ah well, two out of three ain’t bad.



MAIN ABOVE: 10th hole on the Marquess’ Course  
LEFT: The plans for the reservoir  
RIGHT: One of the Rain Bird control boxes