

[News story: Consultation on changes to performance rules in GCSE, AS and A level music and dance](#)

Ofqual has today (9 November 2018) launched a consultation on changes to our rules about the length of performances in music and dance GCSEs, AS and A levels.

We propose to change our rules on how performances are marked if a student performs for less than the expected time. We are also clarifying our rules about how music performances that are not based on a traditional written score are assessed and our expectations for the number of dances a learner must perform. Nothing in our proposals would change the way students should prepare for their assessments.

You can [find the consultation here](#), as well as details of how to respond to our proposals. The consultation is open for 4 weeks, and the final date for responses is 9 December 2018.

[Press release: New gritters take to the road](#)

The first delivery of the new gritters took place in October and will improve safety for drivers and workers due to the vehicles improved technology, ergonomics and enhanced visibility.

Despite weighing 26 tonnes and measuring a maximum of 2.5 meters wide, there have been a number of incidents where gritters have been struck by other vehicles.

Research carried out by Transport Research Laboratory (TRL) shows that vehicles stand out more if painted in one block colour and are solid in shape, which is where the new design has come from.

The new vehicles also contain innovative technology which includes being able to pre-programme them with information specific to each gritting route. This enables salt to be spread onto the road automatically, taking into account any specific requirements for bridges, landscape and other road features, allowing drivers to give their full attention to driving at all times.



Our winter fleet manager Jane Wilkins said:

Safety is our top priority and we are always looking at ways we can improve our winter resilience. Using the research carried out by TRL and our own data, we have looked carefully at the number of incidents involving gritters to see what more can be done to improve safety and the service we provide.

The roll out of this £30 million programme started this year with 34 new vehicles in East Anglia. The remainder of the 157 vehicles, will be replaced over the next two years.

We're working closely with gritter manufacturer Romagrip on the roll-out of the new fleet.

Romagrip technical director Stephen McKeown said:

We are excited to be working with Highways England, manufacturing a new generation of winter vehicles with numerous safety and technical advances. It is a pleasure to work with an organisation that strives to develop and improve their service, actively partnering with us to achieve these goals.

It is clear to see that the specification of these vehicles has been derived from consciously deciding to improve safety for both

operators and other road users, and that the innovation to improve efficiency and functionality has also been thoroughly considered.

Romaquip is committed to delivering the best quality machines to all of our customers, we welcome this improvement and look forward to working with Highways England over the years to come.



Romaquip technical director Stephen McKeown hands over the keys to Nick Harris, Highways England's executive director of operations

We currently have 535 winter vehicles patrolling the 4,400 miles of motorways and major A roads across the country.

General enquiries

Members of the public should contact the Highways England customer contact centre on 0300 123 5000.

Media enquiries

Journalists should contact the Highways England press office on 0844 693 1448 and use the menu to speak to the most appropriate press officer.

[News story: Quantum leap: prototype devices will be ready in 2 years' time](#)

Advancements in quantum technologies are predicted to have a big impact on our lives – from creating navigation systems that can operate without GPS to new cameras that can see around corners.

To help accelerate progress in this field, the government is funding 4 projects that will use the latest quantum technology to develop prototype devices. Projects will receive a share of £20 million from the Industrial Strategy Challenge Fund, delivered by [UK Research and Innovation](#).

It follows the Chancellor's announcement of [up to £235 million of further support](#) to develop the next generation of transformative quantum technologies in the [Budget 2018](#).

This includes a new national quantum computing centre, additional investment in the next wave of the Industrial Strategy Challenge Fund, and a training and skills package.

[Find out more about the quantum technologies challenge.](#)

Leading the development of quantum technologies

Projects will receive funding to develop quantum prototypes in 4 fields.

Surveying underground before you start digging

[RSK](#) will lead a project with a consortium of businesses and universities to use quantum sensors to detect objects underground. Initially, the technology will be used by road-working companies, but it could also be used in the rail network.

Precise timing

Manufacturer [Teledyne e2V \(UK\)](#) will lead a project to develop a pre-production prototype of a miniature atomic clock.

It will enable services such as energy supply, transport and mobile communications to function in the event of disruption to the current standard timing service, Global Navigation Satellite Systems (GNSS).

Secure encryption

[Toshiba Research Europe](#) will lead a project to develop the UK supply of low-cost integrated chips, which will enable more secure transmission of data using new encryption technologies.

Keeping data safe

Another encryption project will be led by [ArQit](#). It will create advanced receivers to pick up quantum key signals. These keys are used to keep data safe by using quantum technology to let companies know if the data they are transmitting has been accessed.

Making the impossible possible

Business Secretary Greg Clark said:

There is a huge future for cutting-edge science in the UK, which is why we are investing in ambitious technologies like quantum in our modern Industrial Strategy.

The projects announced today will benefit ordinary people around the country, from easing traffic congestion to offering more data security for online transactions.

Quantum technology has already developed sensors that can see around corners, and make the impossible, possible. We are backing world-leading innovators to continue this important work.

Working across industry, academia and government

Roger McKinlay, Challenge Director for Quantum Technologies at UK Research and Innovation, said:

The rise of quantum technologies will bring a huge impact on all our lives. In order to secure the UK lead in this area, and make sure that companies based here and UK jobs take a significant share of this opportunity, we must continue to work across industry, academia and government to achieve innovation.

This is why the government's investment of £20 million through these 4 successful, pioneer challenge-funded projects will put prototype quantum-enabled devices into the hands of users.

[Find out more about the Industrial Strategy Challenge Fund.](#)

[Search and apply for funding opportunities.](#)

Press release: £16 million Teesside flood scheme complete

- New £16 million scheme better protects 350 homes and 32 businesses
- Almost 50 hectares of new habitat created for local wildlife
- Designed to last 50 years taking climate change into account

Costing almost £16million, the Port Clarence and Greatham South project has increased flood protection to Port Clarence residents from the River Tees and Greatham Creek while also creating new habitat the size of over 90 football pitches for local wildlife.

The Environment Agency joined forces with local industry to build the scheme with multinational company SABIC UK contributing some of the funding and INOVYN ChlorVinyls offering land to allow the creation of the new habitat.

Throughout the project the Environment Agency has worked closely with the RSPB and Natural England to create a scheme which maximises benefits for the internationally designated habitat which includes rare birds as well as seals. The new habitats also feature both a brand new bird hide and seal hide to give nature-lovers a close-up view of these stunning local species.

Combined with flood defences that were completed at Port Clarence in 2015, the project reduces the risk of flooding to 350 homes and 32 businesses in Port Clarence and the Seal Sands Industrial Complex.

Port Clarence and Greatham South Flood Alleviation Scheme

The project therefore helps keep the local community safe from events like the 2013 floods while also providing stability for jobs and industry and safeguarding the future of the natural habitat in the Tees Estuary.

Environment Minister Thérèse Coffey said:

When I visited Teesside in 2017 I was able to speak with the local industry representatives, the Environment Agency and the RSPB about the plans for this new flood defence scheme.

I am delighted it is now open, better protecting hundreds of homes and businesses, helping the local economy and enhancing the natural environment by creating an important new habitat for wildlife and birds.

This £16 million scheme forms part of the government's commitment to better protect 300,000 thousand homes from flooding. We are investing over £2.3 billion across the country – boosting our resilience as a nation, helping our communities to grow and prosper.

Sir James Bevan, Chief Executive of the Environment Agency, said:

Floods destroy lives and livelihoods. This project is a perfect example of how flood schemes can benefit everyone: communities, businesses and wildlife. We have worked closely with our partners to design a scheme which will provide better flood protection for years to come whilst also helping bird and seal populations to thrive.

This forms part of our commitment to invest over £75million on flood defences across the north-east of England between 2015 and 2021, better protecting thousands of homes and businesses.

The first phase of the project, which saw new flood defences built at Port Clarence to reduce flood risk from the River Tees, was finished in December 2015.

Phase two saw the Environment Agency raise existing flood embankments along Greatham Creek, to reduce the flood risk to Port Clarence and land which is south of the Creek.

They also built new flood defences to the north of RSPB Saltholme Nature Reserve, and breached the old flood defence to allow the new area to fill up with water, creating more than 36 hectares of new inter-tidal habitat. In addition, 12 hectares of freshwater habitat was also created as part of the project.

Chris Francis, Senior Site Manager at RSPB Saltholme, said:

Over the years much of the valuable natural habitat of Tees Estuary has been lost to industry and agriculture. The breaching of the old flood defence means that a large area will be reconnected to the estuary and will eventually return to its natural saltmarsh habitat, which will provide an important feeding ground for many wading birds and wildfowl, especially during the winter months.

Notes to editors

Contractors BMMJV (BAM Nuttall and Mott MacDonald Joint Venture) carried out the work on behalf of the Environment Agency.

Phase 1 of the scheme saw new flood defences built in Port Clarence, consisting of a mixture of earth embankments, flood walls, and a raised section of the road on the approach to the Transporter Bridge.

In addition, the Environment Agency worked together with local business Wilton Engineering to install removable steel flood defences along the River Tees to improve flood protection while still allowing Wilton to operate from the river.

[News story: North Star report and flyer published](#)

MAIB's report on a man overboard from the fishing vessel North Star on 5 February 2018 with the loss of 1 life, is now published.

The report contains details of what happened, the subsequent actions taken and recommendations made: [read more](#).

A [safety flyer](#) to the fishing industry summarising the accident and detailing the safety lessons learned, has also been produced.

Press enquiries

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