NWSRG
NATIONAL WINTER SERVICE RESEARCH GROUP

nwsrg.org

NWSRG – Past, Present, Future

Carol Valentine, Chair NWSRG

Dedicated to advancing understanding of best practice for winter service delivery

Content

- Past achievements of NWSRG and learning
- Details on current work programme
- Future – knowns and unknowns

The Past

Learn from the past,
prepare for the future,
live in the present.
Thomas S. Monson

The Past

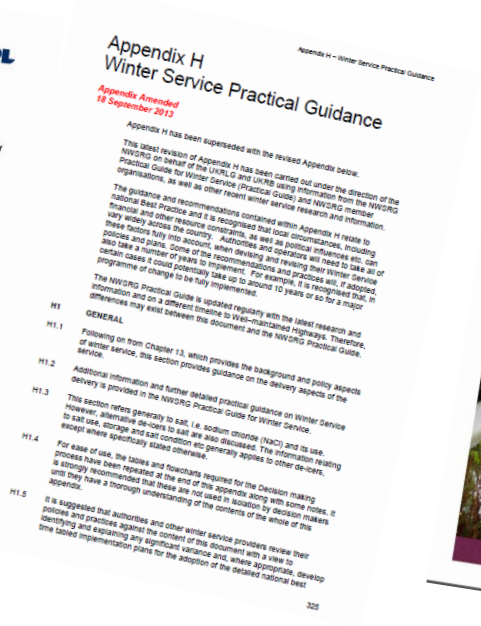
NSSRG

IN CONFIDENCE

This document has been prepared for members of the NSSRG and must not be copied or sent to non-members or other interested parties.

National Salt Spreading Research Group

Best practice guidance for spreading salt


Appendix H
Winter Service Practical Guidance

Appendix H – Winter Service Practical Guidance

Appendix Amended
18 September 2013

Appendix H has been superseded with the revised Appendix below.

This latest revision of Appendix H has been carried out under the direction of the NWSRG on behalf of the UKRLG and UKRdB using information from the NWSRG Practical Guide for Winter Service (Practical Guide) and NWSRG member organisations, as well as other recent winter service research and information.

The guidance and recommendations contained within Appendix H relate to national Best Practice and it is recognised that local circumstances, including financial and other resource constraints, as well as political influences etc, can vary widely across the country. Authorities and operators will need to take all of these factors fully into account, when devising and revising their Winter Service policies and plans. Some of the recommendations and practices will, if adopted, also take a number of years to implement. For example, it is recognised that, in certain cases it could potentially take up to around 10 years or so for a major programme of change to be fully implemented.

The NWSRG Practical Guide is updated regularly with the latest research and information and on a different timeline to Well-Maintained Highways. Therefore, differences may exist between this document and the NWSRG Practical Guide.

H1 GENERAL

H1.1 Following on from Chapter 13, which provides the background and policy aspects of winter service, this section provides guidance on the delivery aspects of the service.

H1.2 Additional information and further detailed practical guidance on Winter Service delivery is provided in the NWSRG Practical Guide for Winter Service.

H1.3 This section refers generally to salt, i.e. sodium chloride (NaCl) and its use. However, alternative de-icers to salt are also discussed. The information relating to salt use, storage and salt condition etc generally applies to other de-icers, except where specifically stated otherwise.

H1.4 For ease of use, the tables and flowcharts required for the Decision making process have been repeated at the end of this Appendix along with some notes. It is strongly recommended that these are not used in isolation by decision makers until they have a thorough understanding of the contents of the whole of this appendix.

H1.5 It is suggested that authorities and other winter service providers review their policies and practices against the content of this document with a view to identifying and explaining any significant variance and, where appropriate, develop time tabled implementation plans for the adoption of the detailed national best

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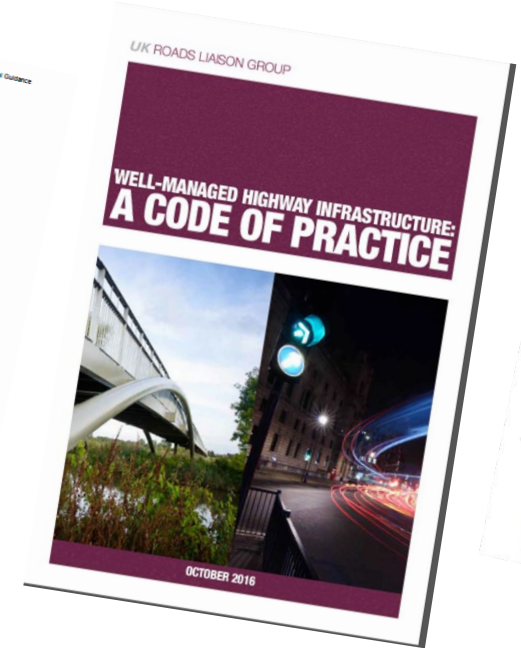
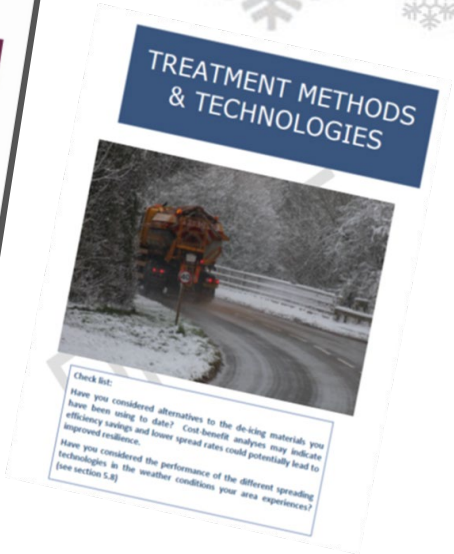

UK ROADS LIAISON GROUP

WELL-MANAGED HIGHWAY INFRASTRUCTURE:
A CODE OF PRACTICE

OCTOBER 2016


TREATMENT METHODS & TECHNOLOGIES

Check list:

Have you considered alternatives to the de-icing materials you have been using to date? Cost-benefit analyses may indicate efficiency savings and lower spread rates could potentially lead to improved resilience.

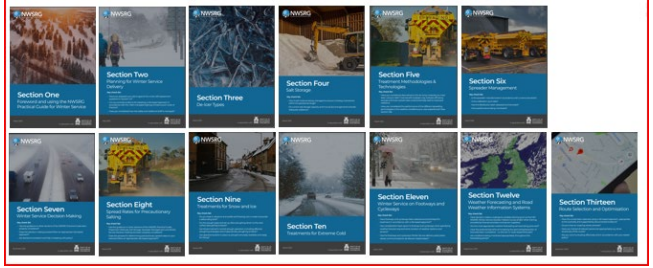
Have you considered the performance of the different spreading technologies in the weather conditions your area experiences? (see section 5.8)

Learning from the Past

- Research
- Collaboration
- Funding
- Validation
- Engagement with private sector and specialist organisations
- DfT involvement
- Relevant authorities involved

The Present

NWSRG Practical Guides

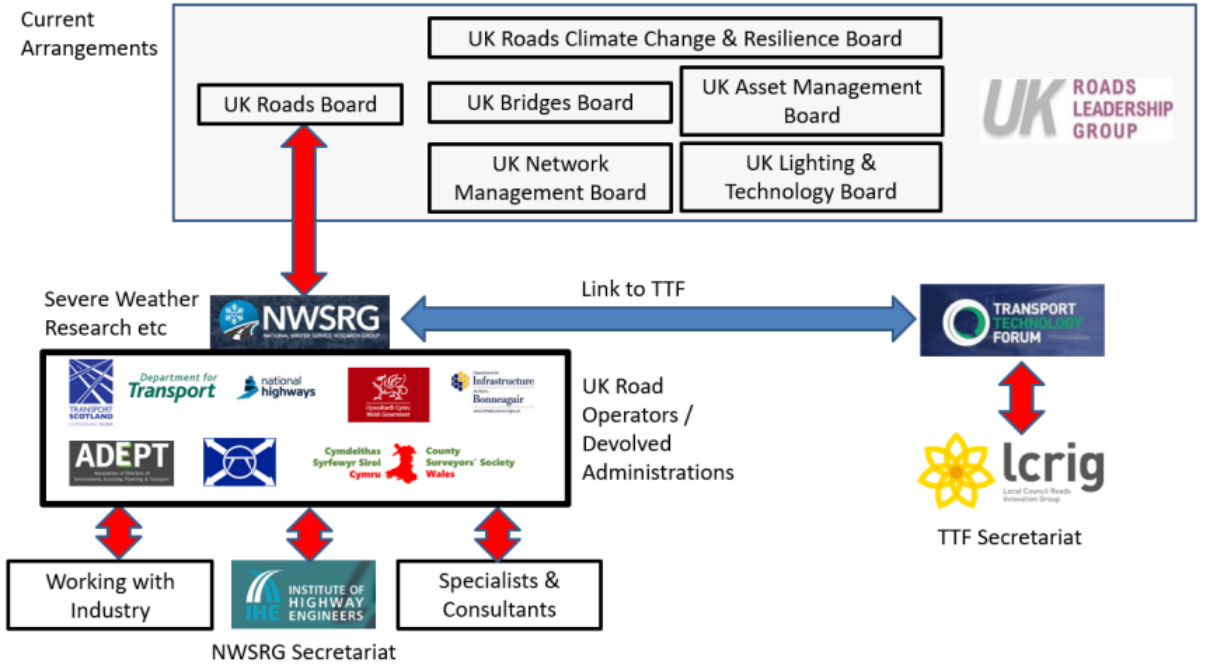


national highways

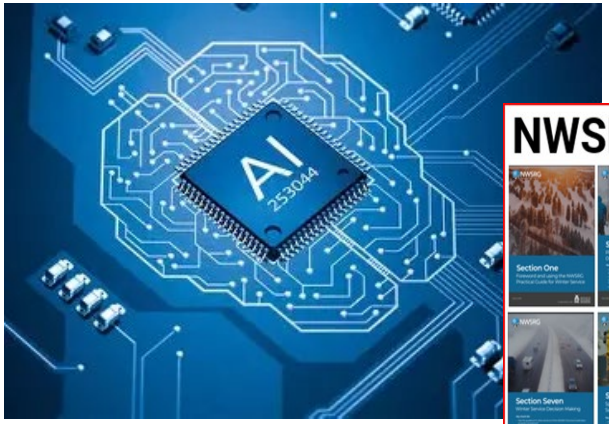
The Present

NWSRG Roadshow September 2025

NWSRG structure



The Future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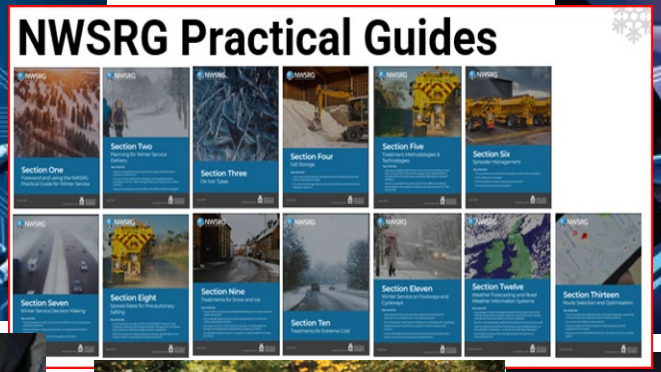
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Who are the main contacts

NWSRG Executive
Carol Valentine – Chair
Iain MacDonald – Vice Chair
David Denner – Secretary
Adrian Runacres – Technical Advisor
Cheryl Brown / IHE – Secretariat
Technical Advisory Group
Joint chairs -
Mark Dutton – Safecote
John Meehan – Brine Solutions