SCHEDULES

SCHEDULE 8

Article 37

PROTECTIVE PROVISIONS

PART 1

FOR THE PROTECTION OF ELECTRICITY AND GAS UNDERTAKERS

1. For the protection of the undertakers referred to in this Part of this Schedule the following provisions have effect, unless otherwise agreed in writing between the Secretary of State and the undertaker concerned.

2. In this Part of this Schedule—

"alternative apparatus" means alternative apparatus adequate to enable the undertaker in question to fulfil its statutory or other functions, or Air Products (BR) Limited to fulfil its contractual obligations, in a manner no less efficient than previously;

"apparatus" means-

- (a) in the case of an electricity undertaker, electric lines or electrical plant (as defined in the Electricity Act 1989(1)), belonging to or maintained by that undertaker;
- (b) in the case of a gas undertaker, any mains, pipes or other apparatus belonging to or maintained by a gas transporter within the meaning of Part 1 of the Gas Act 1986(2) for the purposes of gas supply;
- (c) in the case of Air Products (BR) Limited any mains, pipes or other apparatus belonging to or maintained by Air Products (BR) Limited for the purpose of the supply of oxygen gas (and "gas apparatus" includes apparatus in relation to oxygen gas);
- (d) in the case of Phillips 66 Limited all pipelines, apparatus, ancillary apparatus and other infrastructure belonging to or maintained by Phillips 66 Limited including such works and apparatus property associated with the pipelines as specified by section 65(2) of the Pipe-lines Act 1962(3) and comprising, but not limited to, concrete sleepers and slabs, marker posts including marker posts for any cathodic protection system, steps, stiles, gates and crossings;
- (e) in the case of Vitol Power Immingham any mains, pipes, isolation valves, emergency shut-down valves and other apparatus belonging to and maintained by Vitol Power Immingham Combined Heat & Power Plant, for the purposes of transporting Natural Gas as the fuel along the pipe-line owned by Vitol Power Immingham, to fire the power plant for the generation of steam and electricity to supply Phillips 66 and Total refineries and supply the National Power Distribution Grid;

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^{(1) 1989} c. 29. The definition of "electrical plant" (in section 64) was amended by paragraphs 24 and 38(1) and (3) of Schedule 6 to the Utilities Act 2000 (c. 27).

^{(2) 1986} c. 44. A new section 7 was substituted by section 5 of the Gas Act 1995 (c. 45), and was further amended by sections 3(2) and 76 of, and paragraphs 1 and 4 of Schedule 6, and Schedule 8, to, the Utilities Act 2000 (c. 27), sections 149(1) and (5) and 197(9) of, and part 1 of Schedule 23 to, the Energy Act 2004 (c. 20) and S.I. 2011/2704.

^{(3) 1962} c. 58. Section 65(2) was amended by paragraphs 1 and 6 of Schedule 2 to the Energy Act 2011 (c. 16), S.I. 2000/1937 and S.I. 2011/2305.

- (f) in the case of E.ON UK Gas Limited any mains, pipes, valves, other apparatus and ancillary equipment belonging to or maintained by E.ON UK Gas Limited for the purpose of transporting any gaseous fuels along the pipeline owned by E.ON UK Gas Limited; and
- (g) in the case of Centrica Storage Limited any mains, pipes or other apparatus belonging to or maintained by Centrica Storage Limited for the purposes of transporting condensate gas from its gas storage terminal at Easington to the Port of Immingham to be stored and then sold to third parties,

and includes any structure in which apparatus is or is to be lodged or which gives or will give access to apparatus;

"Centrica Storage Limited" means the company of that name, company number 03294124, whose registered office is at Venture House, 42-54 London Road, Staines, Middlesex, TW18 4HF:

"functions" includes powers and duties and in the case of Phillips 66 Limited and Centrica Storage Limited means the requirements of its business from time to time;

"in" in a context referring to apparatus or alternative apparatus in land includes a reference to apparatus or alternative apparatus under, over or upon land;

"Phillips 66 Limited" means the company of that name, company number 00529086, whose registered office is at 7th Floor, 200-202 Aldersgate Street, London EC1A 4HD;

"plan" or "plans" include all designs, drawings, specifications, method statements, soil reports, programmes, calculations, risk assessments and other documents that are reasonably necessary properly and sufficiently to describe the works to be executed; and

"undertaker" means-

- (a) any licence holder within the meaning of Part 1 of the Electricity Act 1989;
- (b) a gas transporter within the meaning of Part 1 of the Gas Act 1986;
- (c) Air Products (BR) Limited and its successor in title and function;
- (d) Phillips 66 Limited and its successor in title and function;
- (e) Vitol Power Immingham and its successor in title and function;
- (f) E.ON UK Gas Limited and its successor in title and function; and
- (g) Centrica Storage Limited and its successors in title and function,

for the area of the authorised development, and in relation to any apparatus, means the undertaker to whom it belongs or by whom it is maintained.

On street apparatus

3. This Part of this Schedule does not apply to apparatus in respect of which the relations between the Secretary of State and the undertaker are regulated by the provisions of Part 3 of the 1991 Act.

Apparatus in stopped up streets

4.—(1) Where any street is stopped up under article 12 (permanent stopping up of streets), any undertaker whose apparatus is in the street has the same powers and rights in respect of that apparatus as it enjoyed immediately before the stopping up and the Secretary of State must grant to the undertaker legal easements reasonably satisfactory to the undertaker in respect of such apparatus and access to it, but nothing in this paragraph affects any right of the Secretary of State or of the specified undertaker to require the removal of that apparatus under paragraph 7 or the power of the Secretary of State to carry out works under paragraph 9.

(2) Regardless of the temporary stopping up or diversion of any highway under the powers conferred by article 13 (temporary stopping up of streets), an undertaker is at liberty at all times to take all necessary access across any such stopped up highway and to execute and do all such works and things in, upon or under any such highway as may be reasonably necessary or desirable to enable it to maintain any apparatus which at the time of the stopping up or diversion was in that highway.

Protective works to buildings

5. The Secretary of State, in the case of the powers conferred by article 17 (protective work to buildings), must exercise those powers so as not to obstruct or render less convenient the access to any apparatus.

Acquisition of land

6. Regardless of any provision in this Order or anything shown on the land plans, the Secretary of State must not acquire any apparatus otherwise than by agreement.

Removal of apparatus

- 7.—(1) If, in the exercise of the powers conferred by this Order, the Secretary of State acquires any interest in any land in which any apparatus is placed or requires that the undertaker's apparatus is relocated or diverted, that apparatus must not be removed under this Part of this Schedule and any right of an undertaker to maintain that apparatus in that land must not be extinguished until alternative apparatus has been constructed and is in operation to the reasonable satisfaction of the undertaker in question in accordance with sub-paragraphs (2) to (7).
- (2) If, for the purpose of executing any works in, on or under any land purchased, held, appropriated or used under this Order, the Secretary of State requires the removal of any apparatus placed in that land, the Secretary of State must give to the undertaker in question 28 days' written notice of that requirement, together with a plan of the work proposed, and of the proposed position of the alternative apparatus to be provided or constructed and in that case (or if in consequence of the exercise of any of the powers conferred by this Order an undertaker reasonably needs to remove any of its apparatus) the Secretary of State must, subject to sub-paragraph (3), afford to the undertaker the necessary facilities and rights for the construction of alternative apparatus in other land of the Secretary of State and subsequently for the maintenance of that apparatus.
- (3) If alternative apparatus or any part of such apparatus is to be constructed elsewhere than in other land of the Secretary of State, or the Secretary of State is unable to afford such facilities and rights as are mentioned in sub-paragraph (2) in the land in which the alternative apparatus or part of such apparatus is to be constructed, the undertaker in question must, on receipt of a written notice to that effect from the Secretary of State, as soon as reasonably possible use its best endeavours to obtain the necessary facilities and rights in the land in which the alternative apparatus is to be constructed.
- (4) Any alternative apparatus to be constructed in land of the Secretary of State under this Part of this Schedule shall be constructed in such manner and in such line or situation as may be agreed between the undertaker in question and the Secretary of State or in default of agreement settled by arbitration in accordance with article 40 (arbitration).
- (5) The undertaker in question must, after the alternative apparatus to be provided or constructed has been agreed or settled by arbitration in accordance with article 40, and after the grant to the undertaker of any such facilities and rights as are referred to in sub-paragraph (2) or (3), proceed without unnecessary delay to construct and bring into operation the alternative apparatus and subsequently to remove any apparatus required by the Secretary of State to be removed under the provisions of this Part of this Schedule.

- (6) Regardless of anything in sub-paragraph (5), if the Secretary of State gives notice in writing to the undertaker in question that the Secretary of State intends to execute any work, or part of any work in connection with the construction or removal of apparatus in any land of the Secretary of State, that work, instead of being executed by the undertaker, must be executed by the Secretary of State without unnecessary delay under the superintendence, if given, and to the reasonable satisfaction of the undertaker.
- (7) Nothing in sub-paragraph (6) authorises the Secretary of State to execute the placing, installation, bedding, packing, removal, connection or disconnection of any apparatus, or execute any filling around the apparatus (where the apparatus is laid in a trench) within 300 millimetres of the apparatus.

Facilities and rights for alternative apparatus

- **8.**—(1) Where, in accordance with the provisions of this Part of this Schedule, the Secretary of State affords to an undertaker facilities and rights for the construction and maintenance in land of the Secretary of State of alternative apparatus in substitution for apparatus to be removed, those facilities and rights are to be granted upon such terms and conditions as may be agreed between the Secretary of State and the undertaker in question or in default of agreement settled by arbitration in accordance with article 40 (arbitration).
- (2) If the facilities and rights to be afforded by the Secretary of State in respect of any alternative apparatus, and the terms and conditions subject to which those facilities and rights are to be granted, are in the opinion of the arbitrator less favourable on the whole to the undertaker in question than the facilities and rights enjoyed by it in respect of the apparatus to be removed and the terms and conditions to which those facilities and rights are subject, the arbitrator must make such provision for the payment of compensation by the Secretary of State to that undertaker as appears to the arbitrator to be reasonable having regard to all the circumstances of the particular case.

Retained apparatus

- 9.—(1) Not less than 28 days before starting the execution of any works in, on or under any land purchased, held, appropriated or used under this Order that are near to, or will or may affect, any apparatus the removal of which has not been required by the Secretary of State under paragraph 7(2), the Secretary of State must submit to the undertaker in question a plan of the works to be executed.
- (2) Those works must be executed only in accordance with the plan submitted under subparagraph (1) and in accordance with such reasonable requirements as may be made in accordance with sub-paragraph (3) by the undertaker for the alteration or otherwise for the protection of the apparatus, or for securing access to it, and the undertaker is entitled to watch and inspect the execution of those works.
- (3) Any requirements made by an undertaker under sub-paragraph (2) shall be made within a period of 21 days beginning with the date on which a plan under sub-paragraph (1) is submitted to it.
- (4) If an undertaker in accordance with sub-paragraph (3) and in consequence of the works proposed by the Secretary of State, reasonably requires the removal of any apparatus and gives written notice to the Secretary of State of that requirement, paragraphs 1 to 3 and 6 to 8 apply as if the removal of the apparatus had been required by the Secretary of State under paragraph 7(2).
- (5) Nothing in this paragraph precludes the Secretary of State from submitting at any time or from time to time, but in no case less than 28 days before commencing the execution of any works, a new plan instead of the plan previously submitted, and having done so the provisions of this paragraph apply to and in respect of the new plan.

- (6) The Secretary of State is not required to comply with sub-paragraph (1) in a case of emergency but in that case it must give to the undertaker in question notice as soon as is reasonably practicable and a plan of those works as soon as reasonably practicable subsequently and must comply with sub-paragraph (3) in so far as is reasonably practicable in the circumstances.
- (7) In relation to works which will or may be situated on, over, under or within 15 metres measured in any direction of any gas apparatus, or (wherever situated) impose any load directly upon any gas apparatus or involve embankment works within 15 metres of any gas apparatus, the plan to be submitted to the undertaker under sub-paragraph (1) must be detailed, include a method statement, and describe—
 - (a) the exact position of the works;
 - (b) the level at which these are proposed to be constructed or renewed;
 - (c) the manner of their construction or renewal;
 - (d) the position of all gas apparatus; and
 - (e) by way of detailed drawings, every alteration proposed to be made to such apparatus.
- (8) In relation to works which will or may be situated on, over, under or within 10 metres measured in any direction of any electricity apparatus, or involve embankment works within 10 metres of any electricity apparatus, the plan to be submitted to the undertaker under sub-paragraph (1) must be detailed, include a method statement, and describe—
 - (a) the exact position of the works;
 - (b) the level at which these are proposed to be constructed or renewed;
 - (c) the manner of their construction or renewal;
 - (d) the position of all electricity apparatus; and
 - (e) by way of detailed drawings, every alteration proposed to be made to such apparatus.

Expenses and costs

- 10.—(1) Subject to the following provisions of this paragraph, the Secretary of State must repay to an undertaker all expenses reasonably incurred by that undertaker in, or in connection with, the inspection, removal, alteration or protection of any apparatus or the construction of any new apparatus which may be required in consequence of the execution of any such works as are referred to in paragraph 7(2).
- (2) There must be deducted from any sum payable under sub-paragraph (1) the value of any apparatus removed under the provisions of this Part of this Schedule, that value being calculated after removal.
 - (3) If in accordance with the provisions of this Part of this Schedule—
 - (a) apparatus of better type, of greater capacity or of greater dimensions is placed in substitution for existing apparatus of worse type, of smaller capacity or of smaller dimensions; or
 - (b) apparatus (whether existing apparatus or apparatus substituted for existing apparatus) is placed at a depth greater than the depth at which the existing apparatus was situated,

and the placing of apparatus of that type or capacity or of those dimensions or the placing of apparatus at that depth, as the case may be, is not agreed by the Secretary of State or, in default of agreement, is not determined by arbitration in accordance with article 36 (arbitration) to be necessary, then, if such placing involves cost in the construction of works under this Part of this Schedule exceeding that which would have been involved if the apparatus placed had been of the existing type, capacity or dimensions, or at the existing depth, as the case may be, the amount which apart from this sub-

paragraph would be payable to the undertaker in question by virtue of sub-paragraph (1) must be reduced by the amount of that excess.

- (4) For the purposes of sub-paragraph (3)—
 - (a) an extension of apparatus to a length greater than the length of existing apparatus must not be treated as a placing of apparatus of greater dimensions than those of the existing apparatus; and
 - (b) where the provision of a joint in a pipe or cable is agreed, or is determined to be necessary, the consequential provision of a jointing chamber or of a manhole must be treated as if it also had been agreed or had been so determined.
- (5) An amount which apart from this sub-paragraph would be payable to an undertaker in respect of works by virtue of sub-paragraph (1), if the works include the placing of apparatus provided in substitution for apparatus placed more than 7 years and 6 months earlier so as to confer on the undertaker any financial benefit by deferment of the time for renewal of the apparatus in the ordinary course, is to be reduced by the amount which represents that benefit.
- 11.—(1) Subject to sub-paragraphs (2) and (3), if by reason or in consequence of the construction of any such works referred to in paragraphs 5 or 7(2), any damage is caused to any apparatus or alternative apparatus (other than apparatus the repair of which is not reasonably necessary in view of its intended removal for the purposes of those works) or property of an undertaker, or there is any interruption in any service provided, or in the supply of any goods, by any undertaker, the Secretary of State must—
 - (a) bear and pay the cost reasonably incurred by that undertaker in making good such damage or restoring the supply; and
 - (b) make reasonable compensation to that undertaker for any other expenses, loss, damages, penalty or costs incurred by the undertaker,

by reason or in consequence of any such damage or interruption.

- (2) The fact that any act or thing may have been done by an undertaker on behalf of the Secretary of State or in accordance with a plan approved by an undertaker or in accordance with any requirement of an undertaker or under its supervision must not, subject to sub-paragraph (3), excuse the Secretary of State from liability under the provisions of sub-paragraph (1).
- (3) Nothing in sub-paragraph (1) imposes any liability on the Secretary of State with respect to any damage or interruption to the extent that it is attributable to the act, neglect or default of an undertaker, its officers, servants, contractors or agents.
- (4) An undertaker must give the Secretary of State reasonable notice of any such claim or demand and no settlement or compromise is to be made without the consent of the Secretary of State who, if such consent is withheld, has the sole conduct of any settlement or compromise or of any proceedings necessary to resist the claim or demand.

Cooperation

12. Where in consequence of the proposed construction of any of the authorised development, the Secretary of State or an undertaker requires the removal of apparatus under paragraph 7(2) or an undertaker makes requirements for the protection or alteration of apparatus under paragraph 9, the Secretary of State must use best endeavours to co-ordinate the execution of the works in the interests of safety and the efficient and economic execution of the authorised development and taking into account the need to ensure the safe and efficient operation of the undertaker's undertaking and each undertaker must use its best endeavours to co-operate with the Secretary of State for that purpose.

13. Nothing in this Part of this Schedule affects the provisions of any enactment or agreement regulating the relations between the Secretary of State and an undertaker in respect of any apparatus laid or erected in land belonging to the Secretary of State on the date on which this Order is made.

PART 2

FOR THE PROTECTION OF ANGLIAN WATER

- **14.** For the protection of Anglian Water, the following provisions have effect, unless otherwise agreed in writing between the Secretary of State and Anglian Water.
 - 15. In this Part of this Schedule—
 - "apparatus" means any works, mains, pipes or other apparatus belonging to or maintained by Anglian Water for the purposes of water supply and sewerage and—
 - (a) any drain or works vested in Anglian Water under the Water Industry Act 1991; or
 - (b) any sewer which is so vested or is the subject of a notice of intention to adopt given under section 102(4)(4) of the Water Industry Act 1991 or an agreement to adopt made under section 104(5) of that Act,

and includes a sludge main, disposal main or sewer outfall and any manholes, ventilating shafts, pumps or other accessories forming part of any sewer, drain, or works (within the meaning of section 219 of that Act) and any structure in which apparatus is, or is to be, lodged or which gives, or will give, access to apparatus;

"alternative apparatus" means alternative apparatus adequate to enable Anglian Water to fulfil its statutory functions in not less efficient a manner than previously;

"functions" includes powers and duties;

"in" in a context referring to apparatus or alternative apparatus in land includes a reference to apparatus or alternative apparatus under, over or upon land; and

"plan" includes sections, drawings, specifications and method statements.

- **16.** The Secretary of State must not interfere with, build over or near to any apparatus within the Order land or execute the placing, installation, bedding, packing, removal, connection or disconnection of any apparatus, or execute any filling around the apparatus (where the apparatus is laid in a trench) within the standard protection strips which are the strips of land falling the following distances to either side of the medial line of any relevant pipe or apparatus—
 - (a) 2.25 metres where the diameter of the pipe is less than 150 millimetres;
 - (b) 3 metres where the diameter of the pipe is between 150 and 450 millimetres;
 - (c) 4.5 metres where the diameter of the pipe is between 450 and 750 millimetres; and
 - (d) 6 metres where the diameter of the pipe exceeds 750 millimetres,

unless otherwise agreed in writing with Anglian Water, such agreement not to be unreasonably withheld or delayed, and such provision being brought to the attention of any agent or contractor responsible for carrying out any work on behalf of the Secretary of State.

17. The alteration, extension, removal or re-location of any apparatus must not be implemented until—

⁽⁴⁾ As amended by section 96(1) of the Water Act 2003 (c. 37).

⁽⁵⁾ As amended by section 96(4) of the Water Act 2003 and section 42(3) of the Flood and Water Management Act 2010 (c. 29).

- (a) any requirement for any permits under the Environmental Permitting (England and Wales) Regulations 2010(6) or other legislations and any other associated consents are obtained, and any approval or agreement required from Anglian Water on alternative outfall locations as a result of such re-location are approved, such approvals from Anglian Water not to be unreasonably withheld or delayed; and
- (b) the Secretary of State has made the appropriate application required under the Water Industry Act 1991 together with a plan and section of the works proposed and Anglian Water has agreed all of the contractual documentation required under the Water Industry Act 1991, such agreement not to be unreasonably withheld or delayed; and such works to be executed only in accordance with the plan, section and description submitted and in accordance with such reasonable requirements as may be made by Anglian Water for the alteration or otherwise for the protection of the apparatus, or for securing access to it.
- **18.** In the situation, where in exercise of the powers conferred by the Order, the Secretary of State acquires any interest in any land in which apparatus is placed and such apparatus is to be relocated, extended, removed or altered in any way, no alteration or extension is to take place until Anglian Water has established, to its reasonable satisfaction, contingency arrangements in order to conduct its functions for the duration of the works to relocate, extend, remove or alter the apparatus.
- 19. Regardless of any provision in this Order or anything shown on any plan, the Secretary of State must not acquire any apparatus otherwise than by agreement, and before extinguishing any existing rights for Anglian Water to use, keep, inspect, renew and maintain its apparatus in the Order land, the Secretary of State must, with the agreement of Anglian Water, create a new right to use, keep, inspect, renew and maintain the apparatus that is reasonably convenient for Anglian Water, such agreement not to be unreasonably withheld or delayed and to be subject to arbitration under article 40.
- **20.** If in consequence of the exercise of the powers conferred by this Order the access to any apparatus is materially obstructed the Secretary of State must provide such alternative means of access to such apparatus as will enable Anglian Water to maintain or use the apparatus no less effectively than was possible before such obstruction.
- **21.** If in consequence of the exercise of the powers conferred by this Order, previously unmapped sewers, lateral drains or other apparatus are identified by the Secretary of State, notification of the location of such assets must immediately be given to Anglian Water and afforded the same protection of other Anglian Water assets.
- **22.** If for any reason or in consequence of the construction of any of the works referred to in paragraphs 17 to 19 and 21 any damage is caused to any apparatus (other than apparatus the repair of which is not reasonably necessary in view of its intended removal for the purposes of those works) or property of Anglian Water, or there is any interruption in any service provided, or in the supply of any goods, by Anglian Water, the Secretary of State must—
 - (a) bear and pay the cost reasonably incurred by Anglian Water in making good any damage or restoring the supply; and
 - (b) make reasonable compensation to Anglian Water for any other expenses, loss, damages, penalty or costs incurred by Anglian Water,

by reason or in consequence of any such damage or interruption.

⁽⁶⁾ S.I. 2010/675.

PART 3

FOR THE PROTECTION OF RAILWAY INTERESTS

- **23.** The following provisions of this Part of this Schedule have effect, unless otherwise agreed in writing between the Secretary of State and Network Rail and, in the case of paragraph 37, any other person on whom rights or obligations are conferred by that paragraph.
 - 24. In this Part of this Schedule—
 - "construction" includes execution, placing, alteration and reconstruction and "construct" and "constructed" have corresponding meanings;
 - "the engineer" means an engineer appointed by Network Rail for the purposes of this Order;
 - "network licence" means the network licence, as the same is amended from time to time, granted to Network Rail Infrastructure Limited by the Secretary of State in exercise of powers under section 8 of the Railways Act 1993(7);
 - "Network Rail" means Network Rail Infrastructure Limited (company number 02904587, whose registered office is at 1 Eversholt Street, London, NW1 2DN) and any associated company of Network Rail Infrastructure Limited which holds property for railway purposes within the Order limits, and for the purpose of this definition "associated company" means any company which is (within the meaning of section 1159 of the Companies Act 2006(8)) the holding company of Network Rail Infrastructure Limited, a subsidiary of Network Rail Infrastructure Limited or another subsidiary of the holding company of Network Rail Infrastructure Limited;
 - "plans" includes sections, designs, design data, software, drawings, specifications, soil reports, calculations, descriptions (including descriptions of methods of construction), staging proposals, programmes and details of the extent, timing and duration of any proposed occupation of railway property;
 - "railway operational procedures" means procedures specified under any access agreement (as defined in the Railways Act 1993(9)) or station lease;
 - "railway property" means any railway belonging to Network Rail Infrastructure Limited within the Order limits and—
 - (a) any station, land, works, apparatus and equipment belonging to Network Rail Infrastructure Limited or connected with any such railway; and
 - (b) any easement or other property interest held or used by Network Rail Infrastructure Limited for the purposes of such railway or works, apparatus or equipment; and
 - "specified work" means so much of any of the authorised development as is to be situated upon, across, under, over or within 15 metres of, or may in any way adversely affect, railway property.
- **25.**—(1) Where under this Part of this Schedule Network Rail is required to give its consent, agreement or approval in respect of any matter, that consent, agreement or approval is subject to the condition that Network Rail complies with any relevant railway operational procedures and any obligations under its network licence or under statute.
- (2) In so far as any specified work or the acquisition or use of railway property or rights over railway property is or may be subject to railway operational procedures, Network Rail must—

^{(7) 1993} c. 43.

^{(8) 2006} c. 46.

^{(9) 1993} c. 43.

- (a) co-operate with the Secretary of State with a view to avoiding undue delay and securing conformity as between any plans approved by the engineer and requirements emanating from those procedures; and
- (b) use its reasonable endeavours to avoid any conflict arising between the application of those procedures and the proper implementation of the authorised development under this Order.
- **26.**—(1) The Secretary of State must not exercise the powers conferred by articles 18 (authority to survey and investigate land), 19 (compulsory acquisition of land), 22 (compulsory acquisition of rights), 23 (private rights over land), 25 (acquisition of subsoil or air-space only), 27 (rights under or over streets), 28 (temporary use of land for carrying out the authorised development), 29 (temporary use of land for maintaining the authorised development), 30 (statutory undertakers) or the powers conferred by section 11(3) (powers of entry) of the 1965 Act in respect of any railway property unless the exercise of such powers is with the consent of Network Rail.
- (2) The Secretary of State must not in the exercise of the powers conferred by this Order prevent pedestrian or vehicular access to any railway property, unless preventing such access is with the consent of Network Rail.
- (3) The Secretary of State must not exercise the powers conferred by sections 271 (extinguishment of rights of statutory undertakers: preliminary notices) or 272 (extinguishment of rights of telecommunications code system operators: preliminary notices) of the 1990 Act, or article 30, in relation to any right of access of Network Rail to railway property, but such right of access may be diverted with the consent of Network Rail.
- (4) The Secretary of State must not under the powers of this Order acquire or use, or acquire new rights over, any railway property except with the consent of Network Rail.
- (5) Prior to commencement of construction of the authorised development the Secretary of State and Network Rail must, having regard to the Secretary of State's timetable for development, agree in writing a programme for the implementation of Work No. 29 and the Secretary of State must then comply with the provisions of the programme.
- (6) Where Network Rail is asked to give its consent or agreement under this paragraph, such consent or agreement must not be unreasonably withheld but may be given subject to reasonable conditions.
- 27.—(1) The Secretary of State must, before commencing construction of any specified work, supply to Network Rail proper and sufficient plans of that work for the reasonable approval of the engineer and the specified work must not be commenced except in accordance with such plans as have been approved in writing by the engineer or settled by arbitration.
- (2) The approval of the engineer under sub-paragraph (1) must not be unreasonably withheld, and if by the end of the period of 28 days beginning with the date on which such plans have been supplied to Network Rail the engineer has not intimated disapproval of those plans and the grounds of disapproval the Secretary of State may serve upon the engineer written notice requiring the engineer to intimate approval or disapproval within a further period of 28 days beginning with the date upon which the engineer receives written notice from the Secretary of State. If by the expiry of the further 28 days the engineer has not intimated approval or disapproval, the engineer is deemed to have approved the plans as submitted.
- (3) If by the end of the period of 28 days beginning with the date on which written notice was served upon the engineer under sub-paragraph (2), Network Rail gives notice to the Secretary of State that Network Rail desires itself to construct any part of a specified work which in the opinion of the engineer will or may affect the stability of railway property or the safe operation of traffic on the railways of Network Rail then, if the Secretary of State desires such part of the specified work to be constructed, Network Rail must construct it with all reasonable dispatch on behalf of and to the reasonable satisfaction of the Secretary of State in accordance with the plans approved or deemed

to be approved or settled under this paragraph, and under the supervision (where appropriate and if given) of the Secretary of State.

- (4) When signifying approval of the plans the engineer may specify any protective works (whether temporary or permanent) which in the engineer's opinion should he carried out before the commencement of the construction of a specified work to ensure the safety or stability of railway property or the continuation of safe and efficient operation of the railways of Network Rail or the services of operators using the same (including any relocation de-commissioning and removal of works, apparatus and equipment necessitated by a specified work and the comfort and safety of passengers who may be affected by the specified works), and such protective works as may be reasonably necessary for those purposes must be constructed by Network Rail or by the Secretary of State, if Network Rail so desires, and such protective works must be carried out at the expense of the Secretary of State in either case with all reasonable dispatch and the Secretary of State must not commence the construction of the specified works until the engineer has notified the Secretary of State that the protective works have been completed to the Secretary of State's reasonable satisfaction.
- **28.**—(1) Any specified work and any protective works to be constructed by virtue of paragraph 27(4) must, when commenced, be constructed—
 - (a) with all reasonable dispatch in accordance with the plans approved or deemed to have been approved or settled under paragraph 27;
 - (b) under the supervision (where appropriate and if given) and to the reasonable satisfaction of the engineer;
 - (c) in such manner as to cause as little damage as is possible to railway property; and
 - (d) so far as is reasonably practicable, so as not to interfere with or obstruct the free, uninterrupted and safe use of any railway of Network Rail or the traffic on it and the use by passengers of railway property.
- (2) If any damage to railway property or any such interference or obstruction is caused by the carrying out of, or in consequence of the construction of a specified work, the Secretary of State must, regardless of any such approval, make good such damage and must pay to Network Rail all reasonable expenses to which Network Rail may be put and compensation for any loss which it may sustain by reason of any such damage, interference or obstruction.
- (3) Nothing in this Part of this Schedule imposes any liability on the Secretary of State with respect to any damage, costs, expenses or loss attributable to the negligence of Network Rail or its servants, contractors or agents, or any liability on Network Rail with respect of any damage, costs, expenses or loss attributable to the negligence of the Secretary of State or the Secretary of State's employees, contractors or agents.
 - **29.** The Secretary of State must—
 - (a) at all times afford reasonable facilities to the engineer for access to a specified work or protective work during its construction; and
 - (b) supply the engineer with all such information as the engineer may reasonably require with regard to a specified work or protective work or the method of constructing it.
- **30.** Network Rail must at all reasonable times afford reasonable facilities to the Secretary of State and the Secretary of State's agents for access to any works carried out by Network Rail under this Part of this Schedule during their construction and must supply the Secretary of State with such information as the Secretary of State may reasonably require with regard to such works or the method of constructing them.
- **31.**—(1) If any permanent or temporary alterations or additions to railway property, are reasonably necessary in consequence of the construction of a specified work or a protective work,

or during a period of 24 months after the completion of that work in order to ensure the safety of railway property or the continued safe operation of the railway of Network Rail, such alterations and additions may be carried out by Network Rail and if Network Rail gives to the Secretary of State reasonable notice of its intention to carry out such alterations or additions (which must be specified in the notice), the Secretary of State must pay to Network Rail the reasonable cost of those alterations or additions including, in respect of any such alterations and additions as are to be permanent, a capitalised sum representing the increase of the costs which may be expected to be reasonably incurred by Network Rail in maintaining, working and, when necessary, renewing any such alterations or additions.

- (2) If during the construction of a specified work or a protective work by the Secretary of State, Network Rail gives notice to the Secretary of State that Network Rail desires itself to construct that part of the specified work or protective work which in the opinion of the engineer is endangering the stability of railway property or the safe operation of traffic on the railways of Network Rail then, if the Secretary of State decides that part of the specified work or protective work is to be constructed, Network Rail must assume construction of that part of the specified work or protective work and the Secretary of State must, regardless of any such approval of a specified work or protective work under paragraph 27(3), pay to Network Rail all reasonable expenses to which Network Rail may be put and compensation for any loss which it may suffer by reason of the execution by Network Rail of that specified work or protective work.
- (3) The engineer must, in respect of the capitalised sums referred to in this paragraph and paragraph 32(a) provide such details of the formula by which those sums have been calculated as the Secretary of State may reasonably require.
- (4) If the cost of maintaining, working or renewing railway property is reduced in consequence of any such alterations or additions a capitalised sum representing such saving is to be set off against any sum payable by the Secretary of State to Network Rail under this paragraph.
- **32.** The Secretary of State must repay to Network Rail all reasonable fees, costs, charges and expenses reasonably incurred by Network Rail—
 - (a) in constructing any part of a specified work on behalf of the Secretary of State as provided by paragraph 27(3) or in constructing any protective works under the provisions of paragraph 27(4) including, in respect of any permanent protective works, a capitalised sum representing the cost of maintaining and renewing those works;
 - (b) in respect of the approval by the engineer of plans submitted by the Secretary of State and the supervision by the engineer of the construction of a specified work;
 - (c) in respect of the employment or procurement of the services of any inspectors, signallers, watchkeepers and other persons whom it is reasonably necessary to appoint for inspecting, signalling, watching and lighting railway property and for preventing, so far as may be reasonably practicable, interference, obstruction, danger or accident arising from the construction or failure of a specified work;
 - (d) in respect of any special traffic working resulting from any speed restrictions which may in the opinion of the engineer, require to be imposed by reason or in consequence of the construction or failure of a specified work or from the substitution of diversion of services which may be reasonably necessary for the same reason; and
 - (e) in respect of any additional temporary lighting of railway property in the vicinity of the specified works, being lighting made reasonably necessary by reason or in consequence of the construction or failure of a specified work.

33.—(1) In this paragraph—

- "EMI" means, subject to sub-paragraph (2), electromagnetic interference with Network Rail apparatus generated by the operation of the authorised development where such interference is of a level which adversely affects the safe operation of Network Rail's apparatus; and
- "Network Rail's apparatus" means any lines, circuits, wires, apparatus or equipment (whether or not modified or installed as part of the authorised development) which are owned or used by Network Rail for the purpose of transmitting or receiving electrical energy or of radio, telegraphic, telephonic, electric, electronic or other like means of signalling or other communications.
- (2) This paragraph applies to EMI only to the extent that such EMI is not attributable to any change to Network Rail's apparatus carried out after approval of plans under paragraph 27(1) for the relevant part of the authorised development giving rise to EMI (unless the Secretary of State has been given notice in writing before the approval of those plans of the intention to make such change).
- (3) Subject to sub-paragraph (5), the Secretary of State must in the design and construction of the authorised development take all measures necessary to prevent EMI and must establish with Network Rail (both parties acting reasonably) appropriate arrangements to verify their effectiveness.
 - (4) In order to facilitate the Secretary of State's compliance with sub-paragraph (3)—
 - (a) the Secretary of State must consult with Network Rail as early as reasonably practicable to identify all Network Rail's apparatus which may be at risk of EMI, and must continue to consult with Network Rail (both before and after formal submission of plans under paragraph 27(1)) in order to identify all potential causes of EMI and the measures required to eliminate them;
 - (b) Network Rail must make available to the Secretary of State all information in the possession of Network Rail reasonably requested by the Secretary of State in respect of Network Rail's apparatus identified under sub-paragraph (a); and
 - (c) Network Rail must allow the Secretary of State reasonable facilities for the inspection of Network Rail's apparatus identified under sub-paragraph (a).
- (5) In any case where it is established that EMI can only reasonably be prevented by modifications to Network Rail's apparatus, Network Rail must not withhold its consent unreasonably to modifications of Network Rail's apparatus, but the means of prevention and the method of their execution may be selected at the reasonable discretion of Network Rail, and in relation to such modifications paragraph 27(1) has effect subject to this sub-paragraph.
- (6) If at any time prior to the completion of the authorised development and regardless of any measures adopted under sub-paragraph (3), the testing or commissioning of the authorised development causes EMI then the Secretary of State must immediately upon receipt of notification by Network Rail of such EMI either in writing or communicated orally (such oral communication to be confirmed in writing as soon as reasonably practicable after it has been issued) cease to use (or procure the cessation of use of) the Secretary of State's apparatus causing such EMI until all measures necessary have been taken to remedy such EMI by way of modification to the source of such EMI or (in the circumstances, and subject to the consent, specified in sub-paragraph (5)) to Network Rail's apparatus.
 - (7) In the event of EMI having occurred—
 - (a) the Secretary of State must afford reasonable facilities to Network Rail for access to the Secretary of State's apparatus in the investigation of such EMI;
 - (b) Network Rail must afford reasonable facilities to the Secretary of State for access to Network Rail's apparatus in the investigation of such EMI; and
 - (c) Network Rail must make available to the Secretary of State any additional material information in its possession reasonably requested by the Secretary of State in respect of Network Rail's apparatus or such EMI.

- (8) Where Network Rail approves modifications to Network Rail's apparatus under sub-paragraphs (5) or (6)—
 - (a) Network Rail must allow the Secretary of State reasonable facilities for the inspection of the relevant part of Network Rail's apparatus; and
 - (b) any modifications to Network Rail's apparatus approved under those sub-paragraphs must be carried out and completed by the Secretary of State in accordance with paragraph 28.
- (9) To the extent that it would not otherwise do so, paragraph 37(1) is to apply to the costs and expenses reasonably incurred or losses suffered by Network Rail through the implementation of the provisions of this paragraph (including costs incurred in connection with the consideration of proposals, approval of plans, supervision and inspection of works and facilitating access to Network Rail's apparatus) or in consequence of any EMI to which sub-paragraph (6) applies.
- (10) For the purpose of paragraph 32(a) any modifications to Network Rail's apparatus under this paragraph are deemed to be protective works referred to in that paragraph.
- (11) In relation to any dispute arising under this paragraph the reference in article 40 (arbitration) to a single arbitrator to be agreed between the parties is to be read as a reference to an arbitrator being a member of the Institution of Electrical Engineers to be agreed.
- **34.** If at any time after the completion of a specified work or a protective work, not being a work vested in Network Rail, Network Rail gives notice to the Secretary of State informing it that the state of maintenance of any part of the specified work or protective work appears to be such as adversely affects the operation of railway property, the Secretary of State must, on receipt of such notice, take such steps as may be reasonably necessary to put that specified work or protective work in such state of maintenance as to not adversely affect railway property.
- **35.** The Secretary of State must not provide any illumination or illuminated sign or signal on or in connection with a specified work in the vicinity of any railway belonging to Network Rail unless the Secretary of State has first consulted Network Rail and the Secretary of State must comply with Network Rail's reasonable requirements for preventing confusion between such illumination or illuminated sign or signal and any railway signal or other light used for controlling, directing or securing the safety of traffic on the railway.
- **36.** Any additional expenses which Network Rail may reasonably incur in altering, reconstructing or maintaining railway property under any powers existing at the making of this Order by reason of the existence of a specified work must, provided that 56 days' previous notice of the commencement of such alteration, reconstruction or maintenance has been given to the Secretary of State, be repaid by the Secretary of State to Network Rail.
- **37.**—(1) The Secretary of State must pay to Network Rail all reasonable costs, charges, damages and expenses not otherwise provided for in this Part of this Schedule which may be occasioned to or reasonably incurred by Network Rail—
 - (a) by reason of the construction or maintenance of a specified work or a protective work or the failure thereof; or
 - (b) by reason of any act or omission of the Secretary of State or of any person in the Secretary of State's employ or of the Secretary of State's contractors or others whilst engaged upon a specified work or a protective work,

and the fact that any act or thing may have been done by Network Rail on behalf of the Secretary of State or in accordance with plans approved by the engineer or in accordance with any requirement of the engineer or under his supervision will not (if it was done without negligence on the part of Network Rail or of any person in its employ or of its contractors or agents) excuse the Secretary of State from any liability under the provisions of this sub-paragraph.

- (2) Network Rail must give the Secretary of State reasonable notice of any such claim or demand and no settlement or compromise of such a claim or demand is to be made without the prior written consent of the Secretary of State.
- (3) The sums payable by the Secretary of State under sub-paragraph (1) may include a sum equivalent to the relevant costs.
- (4) Subject to the terms of any agreement between Network Rail and a train operator regarding the timing or method of payment of the relevant costs in respect of that train operator, Network Rail must promptly pay to each train operator the amount of any sums which Network Rail receives under sub-paragraph (3) which relates to the relevant costs of that train operator.
- (5) The obligation under sub-paragraph (3) to pay Network Rail the relevant costs is, in the event of default, enforceable directly by any train operator concerned to the extent that such sums would be payable to that operator under sub-paragraph (4).
 - (6) In this paragraph—

"the relevant costs" means the costs, direct losses and expenses (including loss of revenue) reasonably incurred by each train operator as a consequence of any restriction of the use of Network Rail's railway network as a result of the construction, maintenance or failure of a specified work or a protective work or any such act or omission as mentioned in subparagraph (1); and

"train operator" means any person who is authorised to act as the operator of a train by a licence under section 8 of the Railways Act 1993.

- **38.** Network Rail must, on receipt of a request from the Secretary of State, at a frequency to be agreed between the Secretary of State and Network Rail, provide the Secretary of State free of charge with written estimates of the costs, charges, expenses, future cost forecasts and other liabilities for which the Secretary of State is or will become liable under this Part of this Schedule (including the amount of the relevant costs mentioned in paragraph 37) and with such information as may reasonably enable the Secretary of State to assess the reasonableness of any such estimate or claim made or to be made under this Part of this Schedule (including any claim relating to those relevant costs).
- **39.** In the assessment of any sums payable to Network Rail under this Part of this Schedule there must not be taken into account any increase in the sums claimed that is attributable to any action taken by or any agreement entered into by Network Rail if that action or agreement was not reasonably necessary and was taken or entered into with a view to obtaining the payment of those sums by the Secretary of State under this Part of this Schedule or increasing the sums so payable.
- **40.** The Secretary of State and Network Rail may, subject in the case of Network Rail to compliance with the terms of its network licence, enter into, and carry into effect, agreements for the transfer to the Secretary of State of—
 - (a) any railway property shown on the works and/or land plans and described in the book of reference:
 - (b) any lands, works or other property held in connection with any such railway property; and
 - (c) any rights and obligations (whether or not statutory) of Network Rail relating to any railway property or any lands, works or other property referred to in this paragraph.
- **41.** Nothing in this Order, or in any enactment incorporated with or applied by this Order, prejudices or affects the operation of Part 1 of the Railways Act 1993.
- **42.** The Secretary of State must give written notice to Network Rail where any application is required and is proposed to be made for the Secretary of State's consent under article 7 (consent to transfer benefit of Order) and any such notice must be given no later than 28 days before any such application is made and must describe or give (as appropriate)—

- (a) the nature of the application to be made;
- (b) the extent of the geographical area to which the application relates; and
- (c) the name and address of the person acting for the decision-maker to whom the application is to be made.
- **43.** The Secretary of State must no later than 28 days from the date that the documents referred to in article 38(1) (certification of plans, etc.) are submitted to and certified by the Secretary of State in accordance with article 38, provide a set of those documents to Network Rail in the form of a computer disc with read only memory.

PART 4

FOR THE PROTECTION OF OPERATORS OF ELECTRONIC COMMUNICATIONS CODE NETWORKS

- **44.** For the protection of any operator, the following provisions have effect, unless otherwise agreed in writing between the Secretary of State and the operator.
 - 45. In this Part of this Schedule—
 - "the 2003 Act" means the Communications Act 2003(10);
 - "conduit system" has the same meaning as in the electronic communications code and references to providing a conduit system are to be construed in accordance with paragraph 1(3A)(11) of that code;
 - "electronic communications apparatus" has the same meaning as in the electronic communications code;
 - "the electronic communications code" has the same meaning as in Chapter 1 of Part 2 of the 2003 Act(12);
 - "electronic communications code network" means—
 - (a) so much of an electronic communications network or conduit system provided by an electronic communications code operator as is not excluded from the application of the electronic communications code by a direction under section 106 of the 2003 Act; and
 - (b) an electronic communications network which the Secretary of State is providing or proposing to provide;
 - "electronic communications code operator" means a person in whose case the electronic communications code is applied by a direction under section 106 of the 2003 Act; and
 - "operator" means the operator of an electronic communications code network.
- **46.** The exercise of the powers conferred by article 37 (statutory undertakers) is subject to paragraph 23 of Schedule 2 to the Telecommunication Act 1984(13) (undertaker's works).
- **47.**—(1) Subject to sub-paragraphs (2) to (4), if as the result of the authorised development or their construction, or of any subsidence resulting from any of those works—

^{(10) 2003} c. 21.

⁽¹¹⁾ Paragraph 1(3A) was inserted by section 106(2) of, and paragraphs 1 and 4 of Schedule 3 to, the Communications Act 2003.

⁽¹²⁾ See section 106 of the 2003 Act.

^{(13) 1984} c. 12. Paragraph 23 was amended by section 190 of, and paragraph 68 of Schedule 25 and part 1 of Schedule 27 to, the Water Act 1989 (c. 15), section 112(4) of, and Schedule 18 to, the Electricity Act 1989 (c. 29) and section 106(2) of, and paragraphs 1, 5(d) and 8 of Schedule 3 to, the Communications Act 2003.

- (a) any damage is caused to any electronic communications apparatus belonging to an operator (other than apparatus the repair of which is not reasonably necessary in view of its intended removal for the purposes of those works, or other property of an operator); or
- (b) there is any interruption in the supply of the service provided by an operator,

the Secretary of State must bear and pay the cost reasonably incurred by the operator in making good such damage or restoring the supply and make reasonable compensation to that operator for any other expenses, loss, damages, penalty or costs incurred by it, by reason, or in consequence of, any such damage or interruption.

- (2) Nothing in sub-paragraph (1) imposes any liability on the Secretary of State with respect to any damage or interruption to the extent that it is attributable to the act, neglect or default of an operator, its officers, servants, contractors or agents.
- (3) The operator must give the Secretary of State reasonable notice of any such claim or demand and no settlement or compromise of the claim or demand is to be made without the consent of the Secretary of State who, if such consent is withheld, has the sole conduct of any settlement or compromise or of any proceedings necessary to resist the claim or demand.
- (4) Any difference arising between the Secretary of State and the operator under this Part of this Schedule must be referred to and settled by arbitration under article 40 (arbitration).
 - (5) This Part of this Schedule does not apply to—
 - (a) any apparatus in respect of which the relations between the Secretary of State and an operator are regulated by the provisions of Part 3 of the 1991 Act; or
 - (b) any damages, or any interruptions, caused by electro-magnetic interference arising from the construction or use of the authorised development.
- (6) Nothing in this Part of this Schedule affects the provisions of any enactment or agreement regulating the relations between the Secretary of State and an operator in respect of any apparatus already laid or erected in land belonging to the Secretary of State on the date on which this Order is made.