

Licence No. 2/07

File Ref. XI/4811/3/9

**THE DANGEROUS SUBSTANCES IN HARBOUR AREAS REGULATIONS 1987
EXPLOSIVES LICENCE**

1. The Health and Safety Executive hereby grants to

Felixstowe Dock and Railway Company

a Licence for the purposes of Part IX of the Dangerous Substances in Harbour Areas Regulations 1987, permitting explosives to be brought into and carried and handled within the harbour known as

Felixstowe

as defined in the Felixstowe Dock and Railway Act 1988

2. The Licence is subject to the conditions in the Terms hereto.

3. In this Licence, including the Terms, the "Regulations" means the Dangerous Substances in Harbour Areas Regulations 1987, and words and expressions used in this Licence shall, unless the context otherwise requires, have the same meanings as in the Regulations.

4. This Licence revokes all previous Licences issued under the Regulations in respect of this place and shall remain in force until revoked by the Health and Safety Executive in writing

Dated this 22nd day of June 2007

N. Morton

The holder of the post designated H.M. Chief Inspector of Explosives, a person authorised by the Health and Safety Executive to act in that behalf

Licence No. 2/07

File Ref. XI/4811/3/9

TERMS OF LICENCE

1. Nothing in this Licence shall prohibit

- (a) the entry of explosives into; or
- (b) the handling of explosives at;

any other place within this harbour area at which explosives may be handled under the Regulations.

2 Nothing in this Licence shall prohibit the passage of a vessel carrying explosives through this harbour area where such passage is solely for the purpose of access to or egress from another place at which explosives may be handled under the Regulations.

3 Except as permitted by the above terms, the licensee shall not permit any person to bring into the harbour area any explosives of such a type or quantity that may not be handled under the provisions of this Licence.

4 A vessel containing explosives shall only be anchored or berthed at such places as are specified in the Schedule to this Licence.

5 Explosives shall only be handled at such places as are specified in Schedule 1 and Plan (drawing No 63/4659) to this Licence.

6. The explosives handled shall be;

- (a) In freight containers and packed in accordance with the IMDG Code, or
- (b) In vehicles loaded onto, or unloaded from, Roll-On/Roll-Off ships.

Except that there may be transferred to the master of the vessel, by hand, explosives of Compatibility Groups D and G not exceeding 50kg, or explosives of Compatibility Group B not exceeding 10kg

Where the quantity of explosives present is not specified in column 1 of the relevant part of the Schedule, then for the purposes of ascertaining the distances referred to in the previous term, that quantity shall be rounded up, that is to say, the explosives shall be treated as being of a quantity equal to the next higher quantity specified in that column.

7 In respect of a place so specified;

(a) the quantity of explosives present shall not exceed that specified in Column 2 of Schedule 1 or an equivalent quantity of explosives or other Hazard Divisions as determined from Schedule 2 except that where the explosives include those in Compatibility Groups A, B or F the aggregate quantity present shall not exceed one third of the quantity so specified, unless the explosives in Compatibility Groups A, B or F;

(i) are separated from any other explosives so as to prevent communication of explosion to those other explosives; and

(ii) do not exceed one third of the quantity so specified

(b) no loading or unloading shall take place while

(i) any person not involved in the explosives handling operation is present in any building of vulnerable construction within the distance specified in Column 6 in Schedule 1, or in any other building within the distances specified in Column 5 of Schedule 1; or

Licence No. 2/07

File Ref. XI/4811/3/9

(ii) any passenger vessel is berthed or anchored within the distance specified in Column 5 of Schedule 1; or

(iii) any other vessel or vehicle containing an unrelated consignment of explosives, is within the distance specified in column 3 of the Schedule 1; or

(iv) any person not required to be involved with the handling operation is within the distances specified in Column 3 of Schedule 1 or such other distances as set out in Schedule 4 when the conditions specified in that schedule are met in full

(c) Any Special Conditions specified in Schedule 1, 3 and 5 shall be complied with.

(d) Where a vessel containing explosives is moored across two berths the controlling allowance of explosive that can be handled will be defined by that berth which has the lowest quantity of explosives relating to those two berths, as specified in Column 2 of Schedule 1

8 Where the quantity of explosives is less than the maximum quantity specified in Column 2 of Schedule 1 or an equivalent quantity of explosives or other Hazard Divisions as determined from Schedule 2 then the corresponding distances shown in that Schedule shall apply in place of those specified in Terms 7(b) (i), (ii), (iii) and (iv). In any case where the quantity of explosives present is not specified in Schedule 2, then for the purposes of ascertaining the corresponding distances that quantity shall be rounded up, that is to say, the explosives shall be treated as being of a quantity equal to the next higher quantity specified in that Column

9 Where explosives in different Divisions are carried together then;

(a) for the purpose of applying the schedule, they shall all be deemed to be in the Division amongst them which comes highest in the following list, that is Division 1.1 (highest), 1.2, 1.3, and 1.5 (lowest);

(b) except that where explosives in Division 1.5 are carried or handled with explosives in Division 1.2 then, for the purpose of applying the schedule, they shall all be deemed to be in Division 1.1.

10 Distances referred to in the Schedule shall be measured between that part of the explosives and that part of the passenger vessel, other vessel or vehicle, or other place, as the case may be, which gives the smallest distance

11 The following conditions shall apply to all movements of explosives in respect of the places specified in Schedule 1 to the licence:

(a) The transport, handling of freight containers containing explosives and the parking of vehicles carrying explosives freight containers within the Felixstowe Harbour Area boundary shall be controlled by the Felixstowe traffic management system as set down on the Port of Felixstowe Real Time Operation System and the Roll-On Roll-Off Traffic Management documents.

(b) A safety audit and mechanical checks on cranes to be used in the handling of freight containers containing explosives shall be carried out, in accordance with the Port of Felixstowe Crane Driver Training Manual at the start of every shift, when a crane driver commences work, and at any time mid-shift when a crane is brought into operation from park

(c) Cranes used in the explosives handling operation shall not load or unload more than one freight container at any one time.

(d) Other than explosives freight containers on the ship, not more than one vehicle carrying explosives freight containers per crane may be present within the distance specified in Column 3 of Schedule 1 or a corresponding distance in Schedule 2.

Licence No. 2/07

File Ref. XI/4811/3/9

(e) A written record of each movement and the number of crane lifts for each movement made under the provisions of this licence shall be kept for a period of five years and made available for inspection by one of HM Inspector of Health and Safety

12. Before the Licence is granted, the licensee shall prepare and send to the Health and Safety Executive and, on their direction, to the local planning authority, a plan showing each place where explosives are allowed to be handled under this Licence. There shall be delineated on the plan the area of land which is within the safeguarding distances from that place as specified in the relevant part of the Schedule. The plan shall be prepared in accordance with the guidance issued by the Health and Safety Executive entitled "The Preparation of Safeguarding Plans". Where the safeguarding distances are altered pursuant to a variation of the Licence, the licensee shall prepare and send a revised plan to the above mentioned bodies as soon as is practicable after that alteration.

13. (a) Where after this Licence has been granted there is any development, subsequent to the date of the survey on which the Licence was based, within the relevant safeguarding distances referred to above which is likely to materially affect either the probability of an accident with the explosives or the magnitude of the consequences of such an accident, the licensee shall, before the development is commenced or as soon as is practicable thereafter, give written notice of it to the Health and Safety Executive

(b) Without prejudice to the generality of part (a) of this term, any development within the safeguarding distances involving a material increase of the population or in the numbers of buildings shall be so notified

14. Notwithstanding Regulation 9, Regulations 6 and 8 of the 1987 Regulations shall apply to ferry boats operating entirely within smooth or partially smooth waters within the meaning of the Merchant Shipping (Smooth and Partially Smooth Waters) Rules 1977

15. In these Terms and in the Schedule -

(a) Reference to explosives is a reference to explosives that are not exempted from the licensing provisions of Part IX of the Regulations.

(b) References to quantities of explosives are references to net explosives quantities, that is to say, excluding any packaging or inert parts of explosives.

(c) Freight containers shall have the same meaning as in the IMDG Code and shall be approved in accordance with the International Convention for Safe Containers (CSG), 1972.

(d) Roll-On Roll Off ships shall have the same meaning as the IMDG Code

(e) "Local planning authority" means

(i) in England and Wales, the local planning authority within the meaning of the Town and Country Planning Act 1971,

(ii) in Scotland the authority responsible for planning functions within the meaning of section 172 of the Local Government (Scotland) Act 1973;

for the area within the safeguarding distances referred to above. Where the area is within the jurisdiction of more than one planning authority then the phrase shall mean them all

(f) "passenger vessel" means a vessel carrying more than twelve passengers;

(g) a "passenger" is any person carried in a vessel except:

Licence No. 2/07

File Ref. XI/4811/3/9

(i) a person employed or engaged in any capacity on board the vessel, on the business of the vessel;

(ii) a person aboard the vessel, either in pursuance of the obligations laid upon the Master to carry shipwrecked, distressed or other persons, or by reason of any circumstance that neither the Master nor the owner nor the charterer (if any) could have prevented or forestalled;

SCHEDULE 1

Column 1		Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Names of places specified in Term 5 & shown on plan		Maximum aggregate quantity of HD 1.1 explosives	Limit on persons in open applies	SD1	SD2 and limits on occupied buildings or passenger ships	SD3 and limits on occupied buildings or passenger ships	Special conditions if any
Place	Bollard Numbers	kg	Metres	Metres	Metres	Metres	
Landguard	North	3,000	71	143	214	428	-
	Central	5,000	91	181	272	543	-
	South	1,600	50	100	151	301	-
Ro-Ro	No.1	2,000	57	114	172	343	-
	No.2	1,200	42	84	126	252	-
	No.3	1,800	54	108	161	323	-
	No.4	4,000	82	164	246	492	-
Trinity Berth	10-21	7,000	104	208	312	623	
Trinity Berth	21-28	8,000 ¹	109 ²	219	328 ³	656	-
Trinity Berth	28-40	7,000 ¹	104 ²	208	312 ⁴	623	-
Trinity Berth	40-60	11,000 ¹	123 ²	246	369 ⁵	737	-
Trinity Berth	60-77	22,000	156	313	469	938	-
Trinity Berth	77-82	50,000	206	412	619	1237	-
Trinity Berth	82-88	50,000	206	412	619	1237	-
Trinity Berth	88-94	50,000	206	412	619	1237	-
Trinity Berth	94-100	85,000	246	492	738	1477	-
Trinity Berth	100-105	115,000	272	545	817	1634	-
Trinity Berth	105-111	150,000	298	595	893	1785	-
Trinity Berth	111-117	190,000	322	644	966	1932	-
Trinity Berth	117-123	165,000	307	614	921	1843	-
Trinity Berth	123-129	145,000	294	588	883	1765	-
Trinity Berth	129-135	135,000	287	574	862	1723	-
Trinity Berth	135-141	135,000	287	574	862	1723	-
Trinity Berth	141-147	135,000	287	574	862	1723	-
North Rail Terminal	-	450	22	45	67	134	Schedule 3
South Rail Terminal	-	1,000	38	75	113	225	Schedule 3
Shed 70 ⁶	-	8,000	109	219	328	656	Schedule 5

Footnotes to the above Table

- 1) This quantity may be increased to 16 000kg provided that the Special Conditions in Schedule 1A are complied with
- 2) This distance may be reduced to 30 metres to people in the open (but not to any unrelated consignment of explosives) provided that the Special Conditions in Schedule 1A are complied with
- 3) This distance may be reduced to 110 metres to occupied buildings (but not to passenger vessels) provided that the Special Conditions in Schedule 1A are complied with
- 4) This distance may be reduced to 200 metres to occupied buildings (but not to passenger vessels) provided that the Special Conditions in Schedule 1A are complied with
- 5) This distance may be reduced to 300 metres to occupied buildings (but not to passenger vessels) provided that the Special Conditions in Schedule 1A are complied with
- 6) Examinations of containers may only take place provided that the Special conditions in Schedule 5 are complied with.

SCHEDULE 1 CONTINUED

Column 2: Shows the maximum aggregate quantity of explosives of HD 1.1 allowed to be present at a berth if the distances shown in Columns 3, 4, 5 and 6 are met in full in accordance with the Terms of licence and the following notes. Equivalent quantities of explosives of HDs 1.2, 1.3 or 1.5 are to be determined from Schedule 2

Column 3: Shows the distance to be maintained between the explosives at any berth and:

- a member of the general public;
- any other person who is not required to be involved with the explosives handling at the berth, or
- any other unrelated consignment of explosives.

Column 4: Shows the Safeguarding Distance SD1 to open places outside the harbour area mentioned in Term 12.

Column 5: Shows the Safeguarding Distance SD2 to occupied buildings mentioned in Term 12. It also shows:

- the distance within which building (other than buildings of vulnerable construction to which Column 6 applies) may only be occupied by persons essential to the handling operation; and
- the limiting distance to a passenger vessel at berth or anchorage

Column 6: Shows the Safeguarding Distance SD3 to occupied buildings of vulnerable construction mentioned in Term 12. It also shows the distance within which buildings of vulnerable construction may only be occupied by persons essential to the handling operations.

Buildings of vulnerable construction are:

- a) buildings of certain wall construction, of 4 storeys or more, that are constructed with external non loading-bearing cladding panels on a subframe which is supported off the structural frame or floors for the full height of the building; or
- b) buildings of largely glass construction which are 4 storeys or more in height and are glazed over more than 50% of their wall area; or
- c) other large buildings which employ non load-bearing cladding panels.

SCHEDULE 1A

Special Conditions Referred to in Schedule 1 for the Handling of Explosives at Trinity Bollards numbered 21 – 60.

1. The types of explosives handled shall only be one or more of the following:
 - Blackpowder (gunpowder), granular or as a meal, UN No.0027
 - Blackpowder (gunpowder), compressed or blackpowder (gunpowder) in pellets, UN No.0028
 - Boosters, without detonator, UN No 0042
 - Charges, demolition, UN No 0048
 - Cord, detonating, flexible, UN No 0065
 - Explosives, blasting, Type A, UN No 0081
 - Explosives, blasting, Type B, UN No.0082
 - Explosives, blasting, Type D, UN No 0084
 - Cord (fuse), detonating, metal clad, UN No.0102
 - Cord (fuse), detonating, metal effect, metal clad, UN No.0104
 - Pentaerythritoltetranitrate (PETN), wetted, UN No 0150
 - Explosives, blasting, Type E, UN No 0241
 - Cord, detonating, flexible, UN No 0289
 - Cord (fuse), detonating, metal clad, UN No.0290
 - Explosives, blasting, Type B, UN No 0331
 - Explosives, blasting, Type E, UN No 0332
 - Cyclotrimethylenetrinitramine (Cylonite, Hexogen, RDX) wetted with not less than 15% water, by mass, UN No 0072
 - Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, UN No 0209
 - Cyclotatramethylenetetranitramine (HMX, Octogen) wetted with not less than 15% water, by mass, UN No 0226
 - Hexanitrostilbene, UN No 0392
 - Cyclotrimethylenetrinitramine (Cylonite, Hexogen, RDX) desensitised, UN No 0483
 - Cyclotatramethylenetetranitramine (HMX, Octogen) desensitised, UN No 0484
 - Robust land and air munitions in the list below

UN Number	HCC	UN Number	HCC	UN Number	HCC
0006	1 1E	0137	1 1D	0393	1 1D
0034	1 1D	0168	1 1D	0394	1 1D
0038	1 1D	0208	1 1D	0408	1 1D
0043	1 1D	0221	1 1D	0411	1 1D
0049	1 1G	0222	1 1D	0418	1 1G
0056	1 1D	0266	1 1D	0428	1 1G
0059	1 1D	0271	1 1C	0442	1 1D
0060	1 1D	0279	1 1C	0451	1 1D
0078	1 1D	0284	1 1D	0457	1 1D
0094	1 1G	0286	1 1D	0462	1 1C
0118	1 1D	0288	1 1D	0463	1 1D
0121	1 1G	0326	1 1C	0475	1 1D
0124	1 1D	0333	1 1G	0476	1 1G
0049	1 1G	0374	1 1D	0490	1 1D
0009	1 2G	0285	1 2D	0381	1 2C
0015	1 2G	0287	1 2D	0409	1 2D
0035	1 2D	0313	1 2G	0413	1 2C
0102	1 2D	0314	1 2G	0419	1 2G
0138	1 2D	0321	1 2E	0429	1 2G
0169	1 2D	0328	1 2C	0434	1 2G
0171	1 2G	0334	1 2G	0466	1 2C
0238	1 2G	0346	1 2D	0467	1 2D
0283	1 2D	0375	1 2D	0468	1 2E

2. All explosives are to be sealed in freight ISO containers certified packed in accordance with the IMDG Code.
3. Each explosives container is to be visibly inspected and its seals checked on entry to the Port of Felixstowe. In the event that a seal is found to be broken or missing, the Port of Felixstowe Police and the shipper shall be informed, and the container set aside for further examination in a safe place prior to loading
4. Each explosives container must have a CSC approval plate as witness that the container is structurally sound and serviceable.
5. Prior to lifting, each explosives container is to be inspected by an officer of the Port of Felixstowe Fire Service (Designated Officer) for excessive corrosion, accidental damage, signs of tampering or forced entry, broken seals, cargo spillage or any other indication that it may be unsafe to lift that container. In the event that any of these problems are found, lifting of the container is not to proceed.
6. Explosives containers are to be the last loaded on to and the first discharged from a vessel.
7. Explosives containers are only to be loaded on to the weather deck of a container ship, and are not to be loaded below deck into a vessel with cell guides.
8. Only one explosives container is to be lifted at any one time.
9. Explosives containers are to be lifted only to the lowest height consistent with safe operation
10. Explosives containers are not to be lifted in twin-pack mode.
11. Explosives containers are only to be lifted by ship to shore gantry cranes fitted with at least two independent hoist wires.
12. A Port of Felixstowe Fire Service fire tender is to be in attendance when explosives containers are lifted to or from a ship.
13. The movement of explosives containers through the port is to be monitored by the Port of Felixstowe Police aided by remotely controlled security cameras
14. Vehicles carrying imported explosives containers are to be escorted to the Port Out gate by a Port of Felixstowe Fire Service fire tender
15. An automatic tracking report is to be generated for each container and kept by the Port of Felixstowe Dangerous Goods Officer.
16. No explosives are to be loaded or unloaded whilst flammable liquids or liquefied flammable gases are being loaded or unloaded at the Port of Felixstowe Oil Jetty
17. The Port of Felixstowe Emergency Plan is to be implemented in the event of any incident or accident involving a container carrying explosives.
18. Adherence to the above conditions is to be policed by a Designated Officer.

HA4 Licence No. 2/07

File Ref: XI/4811/3/9

19. A designated Officer shall be present at the berth for each shipment undertaken under the above conditions and shall sign off against a Check List to verify that all the conditions have been met
20. Signed Check Lists will be kept at the Port of Felixstowe Dangerous Goods Office and shall be made available to the Health and Safety Executive upon request.
21. The combined total number of explosives containers handled under these Special Conditions shall not exceed 80 in any one year.

SCHEDULE 2

Quantity of HD 1.1 Explosives	Equivalent Quantity of other explosives			Corresponding Schedule 1 limits		
	HD 1 2	HD 1 3	HD 1 5	Column 3 limit on persons in open	Column 5 limits on occupied buildings or passenger ships	Column 6 limits on occupied buildings of vulnerable construction
Kg	kg	kg	kg	metres	metres	metres
50	50	50	50	5	16	31
75	75	75	75	7	20	41
100	100	130	100	8	25	49
150	150	300	150	11	32	65
200	200	500	200	13	39	78
250	250	800	250	15	45	91
300	300	1,200	300	17	51	102
400	400	2,100	400	21	62	124
500	500	3,000	500	24	72	143
600	600	5,000	600	27	81	162
800	800	8,000	800	32	97	195
1,000	1,000	13,000	1,000	38	113	225
1,200	1,200	18,000	1,200	42	126	252
1,400	1,400	24,000	1,400	46	139	278
1,600	1,600	30,000	1,600	50	151	301
1,800	1,800	37,000	1,800	54	161	323
2,000	2,000	45,000	2,000	57	172	343
2,500	2,500	65,000	2,500	65	194	389
3,000	3,800	87,000	3,000	71	214	428
4,000	8,500	130,000	4,000	82	246	492
5,000	13,000	180,000	5,000	91	272	543
6,000	19,000	220,000	6,000	98	293	586
7,000	25,000	270,000	7,000	104	312	623
8,000	33,000	310,000	8,000	109	328	656
10,000	50,000	U/L	10,000	119	356	712
11,000	60,000	U/L	11,000	123	369	737
12,000	70,000	U/L	12,000	127	380	761
16,000	U/L	U/L	16,000	140	421	841
20,000	U/L	U/L	20,000	151	454	908
24,000	U/L	U/L	24,000	161	483	966
32,000	U/L	U/L	32,000	177	532	1,065
40,000	U/L	U/L	40,000	191	574	1,148
45,000	U/L	U/L	45,000	199	597	1,194
48,000	U/L	U/L	48,000	203	610	1,220
50,000	U/L	U/L	50,000	206	619	1,237
56,000	U/L	U/L	56,000	214	642	1,285
64,000	U/L	U/L	64,000	224	672	1,343
72,000	U/L	U/L	72,000	233	699	1,397
80,000	U/L	U/L	80,000	241	724	1,447
85,000	U/L	U/L	85,000	246	738	1,477
88,000	U/L	U/L	88,000	249	747	1,494
100,000	U/L	U/L	100,000	260	780	1,559

SCHEDULE 2 CONTINUED

Quantity of HD 1.1 Explosives	Equivalent Quantity of other explosives			Corresponding Schedule 1 limits		
	HD 1.2	HD 1.3	HD 1.5	Column 3 limit on persons in open	Column 5 limits on occupied buildings or passenger ships	Column 6 limits on occupied buildings of vulnerable construction
Kg	kg	kg	kg	metres	metres	metres
110,000	U/L	U/L	110,000	268	805	1,610
115,000	U/L	U/L	115,000	272	817	1,634
120,000	U/L	U/L	120,000	276	829	1,657
130,000	U/L	U/L	130,000	284	851	1,702
140,000	U/L	U/L	140,000	291	872	1,745
150,000	U/L	U/L	150,000	298	893	1,785
160,000	U/L	U/L	160,000	304	912	1,824
170,000	U/L	U/L	170,000	310	931	1,861
180,000	U/L	U/L	180,000	316	949	1,897
190,000	U/L	U/L	190,000	322	966	1,932
200,000	U/L	U/L	200,000	327	982	1,965

SCHEDULE 2 Explanatory Notes:

- 1 The Table shows the quantities of HD 1.2, 1.3 and 1.5, which may be handled in lieu of a quantity of explosives of HD 1.1 shown in the first column. See Term 7(a)
- 2 When an equivalent quantity of explosives of HD 1.2 or 1.3 is shown as U/L this means that unlimited quantities of that explosive may be handled at that place.
- 3 Corresponding Schedule 1 limits are provided for the purposes of Term 7(b), to determine distances, which apply when less than maximum quantities are handled.

SCHEDULE 3

Special Conditions (mentioned in Term 7(c) and Schedule 1)

North Rail Terminal / South Rail Terminal (as shown on Plan)

1. No container shall pass over another container in which there are explosives

SCHEDULE 4

Exception to Term 7(b)(iv)

Persons employed by the Felixstowe Dock and Railway Company but not required to be involved with the handling operation may be within the distance specified in Column 3 of Schedule 1 or such corresponding distance as determined from Schedule 2 provided that:

- 1 The only explosives being handled are those specified in Schedule 4 Table A and/or Schedule 4 Table B and/or Schedule 4 Table C and/or Schedule 4 Table D, whether or not with any explosives of Hazard Division 1.4
- 2 The limitations on number of persons not essential to the handling operation and maximum numbers of lifts and operations for each quantity range shall be specified in Tables A, B, C or D below, and any other conditions set out in the "Port of Felixstowe Risk Assessment Study", Document Reference: 25056001/R/2, dated 15 April 1996, and the "Assessment in support of an application for extension to the special terms of the Port of Felixstowe Explosives Licence to cover certain explosives articles in addition to aircraft bombs", Document Reference: 26342001/R/002 Issue 1, both prepared by AEA Technology shall also apply.
- 3 The numbers of people in the open and within the distance specified in Column 3 of Schedule 1 shall, so far as is reasonably practicable, be kept to a minimum.
- 4 The Port of Felixstowe Fire Brigade shall be in constant attendance at the places specified in Schedule 1 but beyond the distance specified in Column 3 of Schedule 2. The fire tender and fire hoses shall be in state of readiness throughout the loading, unloading and handling of explosives operation. The master of the vessel shall ensure that a fire watch is maintained during the explosives handling operation.
- 5 The handling operation is elsewhere than Shed 70, Rail Terminal North and Rail Terminal South.
- 6 Articles belonging to compatibility groups B or F will not be packed within the same freight containers as articles belonging to other compatibility groups. The NEQ for each freight container packed with articles of compatibility groups B or F shall not exceed 225kg.
- 7 During loading, unloading and handling of freight containers packed with articles of compatibility groups B or F a minimum separation of 5 metres between such containers and other containers packed with explosives shall be maintained.
- 8 Government Authorised Explosives Representatives will select at random one freight container from each military cargo moved through the port and examine the contents to ensure that explosives are correctly packed and not in an obviously unsafe condition. This check will be carried out on all cargoes, whether for import or export at a suitable location away from the handling berth.
- 9 Movements of explosives into and out of the port on road vehicles will take place between midnight and 7am, operational requirements allowing.

SCHEDULE 4 CONTINUED

TABLE A			
Explosive Substances of Hazard Classification Code 1.1D and 1.1C.			
NEQ (kg)	Persons not Essential to the Movement of Explosives may be present as detailed below	Maximum Number of Crane Lifts per Operation	Maximum Number of Operations per Year
4,000 - 16 000	8 persons up to 0m from the load 14 persons up to 104m from the load 44 persons up to 161m from the load	1	55
16 001 - 32 000	8 persons up to 0m from the load 15 persons up to 131m from the load 38 persons up to 202m from the load	2	25
32 001 - 48 000	8 persons up to 0m from the load 15 persons up to 150m from the load 38 persons up to 232m from the load	3	25
48 001 - 64,000	8 persons up to 0m from the load 25 persons up to 165m from the load 58 persons up to 255m from the load	4	25
64 001 - 200 000	6 persons up to 0m from the load 20 persons up to 241m from the load 48 persons up to 373m from the load	13	2

TABLE B			
Bombs with bursting charge of Hazard Classification Code 1.1D, allocated United Nations Serial Number 0034, and Hazard Classification Code 1.2D, allocated United Nations Serial Number 0035.			
NEQ (kg)	Persons not Essential to the Movement of Explosives may be present as detailed below	Maximum Number of Crane Lifts per Operation	Maximum Number of Operations per Year
4,000 - 100,000	10 persons up to 0m from the load 30 persons up to 154m from the load 40 persons up to 300m from the load	25	37
100 000 - 150 001	10 persons up to 0m from the load 30 persons up to 154m from the load 40 persons up to 300m from the load	38	30
150 001 - 200 000	10 persons up to 0m from the load 30 persons up to 154m from the load 40 persons up to 300m from the load	50	15

TABLE C			
Land-service ammunition of the types described in Table 5 of AEA Technology report Reference 26342001/R/002 Issue 1 except that belonging to compatibility group H or L or containing rocket motors.			
NEQ (kg)	Persons not Essential to the Movement of Explosives may be present as detailed below	Maximum Number of Crane Lifts per Operation	Maximum Number of Operations per Year
Up to 200 000	10 persons up to 0m from the load 30 persons up to 154m from the load 40 persons up to 300m from the load	124	13

SCHEDULE 4 CONTINUED

TABLE C
Air-service ammunition of the types described in Table 6 of AEA Technology report Reference 26342001/R/002 Issue 1 except that belonging to compatibility group H or L containing rocket motors.

NEQ (kg)	Persons not Essential to the Movement of Explosives may be present as detailed below	Maximum Number of Crane Lifts per Operation	Maximum Number of Operations per Year
Up to 200 000	10 persons up to 0m from the load 30 persons up to 154m from the load 40 persons up to 300m from the load	50	5

SCHEDULE 5

Special Conditions (mentioned in Term 7(c) and Schedule 1)

70 Shed (as shown on Plan)

- 1 Examination of containers with explosive contents shall only be worked on in bay number 80.
- 2 The area shall be kept clear of any other cargo.
- 3 A minimum number of people shall be exposed to the contents of the container
- 4 Goods shall not be left on the shed floor overnight