

### Schedule 3 (Tasking Order Form)

**DRAFT**

#### Tasking Identification

|  |   |                         |                |
|--|---|-------------------------|----------------|
| Unique Tasking Order Number                      | FTS/DE/SACC/03  | Version No. & Date      | 1.0 15/06/2015 |
| FATS Business Case Number                        | FBC5371   | Unique Reference Number | /              |
| Project / Equipment for which task is in support | [redacted]  | UOR                     | N/A            |
| Task Title                                       | [redacted] Tactical Data Link Capability Investigation                          |                         |                |
| NCA's Selected (in accordance with MKM search)   | NCA <u>Numbers</u> : 4690; 4700; 4710; 4870; 4890; 5930; 5980; 5990; 6030; 6040 |                         |                |

Please refer to FATS Customer Guidance for definition of Work Category

|                                       |   |                    |            |
|---------------------------------------|---|--------------------|------------|
| Directorate & PT / Organisation Title | ISTAR / Situational Awareness Command and Control (SACC) DT | Supplier Name      |            |
| PT Leader/ Project Manager            | [redacted]  | Post               |            |
| Post                                  | [redacted]  | Address            |            |
| Address                               | [redacted]  |                    |            |
|                                       | [redacted]  |                    |            |
|                                       | [redacted]  |                    |            |
| Postcode                              | [redacted]  | Postcode           |            |
| Telephone / Fax No                    | [redacted]  | Telephone / Fax No |            |
| E-mail                                | [redacted]  | E-mail             |            |
| UIN & RAC                             | P2497A NPD002   | CPV Code           | 71356000-8 |

**Date Draft Tasking Order Issued** 15/06/2015

**Deadline for Authority's receipt of Tenderer's response to the Draft Tasking Order** 10/07/15

**1. Schedule of Requirements**

| Item No | Description  | Firm Price<br>£ (Ex VAT) |
|---------|--|--------------------------|
| 1       | Conduct a Tactical Data Link capability investigation [redacted] |                          |
| 2       | Travel and Subsistence in support of Line 1                      | Max Price                |

## STATEMENT OF REQUIREMENT

|  |   |  |
|--|---|--|
| <b>Unique Tasking Order Number:</b><br>FTS/DE/SACC/03  | <b>Issue Number &amp; Date:</b><br>1.0 15/06/2015 | <b>Unique Reference Number:</b><br>SACC/04/31/06 |
| Task Title: <b>[redacted]</b> Tactical Data Link Capability Investigation  |   |  |
| <p>Brief Description of Task:</p> <p>A Tactical Data Link (TDL) capability investigation <b>[redacted]</b> to provide both an initial and in-depth report, including but not limited to the following:</p> <ul style="list-style-type: none"> <li>- Identification of top level User/System requirements</li> <li>- Identification and review 'off the shelf' capabilities</li> <li>- The scope of civil works</li> <li>- Recommended solution to fulfil capability gap (including scale of integration if necessary)</li> </ul> |   |  |
| <p>Background/Justification:</p> <p>Joint Forces Command (JFC) has requested that the SACC DT undertake a capability investigation into Command and Control and Shared Situational Awareness <b>[redacted]</b>.</p> <p>The investigation will address what actions are required to deliver either, a Link 16 TDL capability <b>[redacted]</b></p>  |   |  |
| <p>Activities to be Undertaken:</p> <ul style="list-style-type: none"> <li>- Conduct local site surveys</li> <li>- Attend MOD stakeholder and contractor site meetings</li> <li>- Produce an interim report</li> <li>- Produce a final report</li> <li>- Produce and deliver two presentations. One for the interim report, another for the final report.</li> </ul>   |   |  |
| <p>Deliverables:</p> <ul style="list-style-type: none"> <li>- Deliver an interim report</li> <li>- Deliver a final report</li> <li>- Deliver a presentation to support each report</li> </ul>  |   |  |
| <p>Key Project Indicators (KPIs):</p> <p>N/A</p>   |   |  |

|   |   |
|---|---|
| <p>Additional Quality Requirements &amp; Standards:</p> <p><b>See AOF Quality Assurance Website:</b><br/><a href="http://www.aof.dii.r.mil.uk/aofcontent/tactical/ppm/content/quality.htm">www.aof.dii.r.mil.uk/aofcontent/tactical/ppm/content/quality.htm</a></p> | <p>Timescale :</p> <p><b>Commencement Date : 24/07/2015</b></p> <p><b>Delivery Date: 22/01/2016</b></p> |
| <p><b>Project Manager: [redacted]</b><br/><b>[redacted]</b></p> <p><b>Signature: _____ Date:15/06/2015</b></p>  |   |

## 2. Order Conditions

All conditions of the framework shall apply as supplemented by the terms selected below. The two sets of conditions become a binding contract at the time of signature on the Schedule.

| Type of Contract                        |   |
|---|---|
| Competitive                             | <input checked="" type="checkbox"/><br>MEAT |
| Competitive Award Criteria & Weightings | See DEFFORM 47 for details                  |
| Reverse Auction used?                   | <input type="checkbox"/>                    |
| Single Tender                           | <input type="checkbox"/>                    |

### General Conditions

- |  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| DEFCON 624 (Edn 11/13) – Use of Asbestos in Arms, Munitions or War Materials                                 | <input type="checkbox"/> | DEFCON 603 (Edn 10/04) – Aircraft Integration and Clearance Procedure | <input type="checkbox"/> |
| DEFCON 176A (Edn 06/08) – MOD Requirements For Competition In Subcontracting (Non-Competitive Main Contract) | <input type="checkbox"/> | Additional Conditions   | <input type="checkbox"/> |
- A sheet is to be attached detailing any conditions that have been added*

### Choose one of the following:

|  |                          |                                  |                                     |
|--|--------------------------|----------------------------------|-------------------------------------|
| DEFCON 92 (Edn 08/90) – Failure of Performance | <input type="checkbox"/> | DEFCON 614 (Edn 09/03) – Default | <input checked="" type="checkbox"/> |
|--|--------------------------|----------------------------------|-------------------------------------|

### Special Indemnity Conditions

- |  |                          |
|--|--------------------------|
| DEFCON 661 (Edn 10/06) – War Risk Indemnity                                    | <input type="checkbox"/> |
| DEFCON 661A (Edn 05/02) – War Indemnity Risk ( Alternative Version)            | <input type="checkbox"/> |
| DEFCON 684 (Edn 01/04) – Limitation upon Claim in Respect of Aviation Products | <input type="checkbox"/> |
| DEFCON 638 (Edn 11/14) – Flights Liability and Indemnity                       | <input type="checkbox"/> |
| Professional Indemnity Insurance   | <input type="checkbox"/> |

### Pricing Conditions Required

- |  |                                     |
|--|-------------------------------------|
| Firm Priced at Outset ( <i>this applies to all tasks other than by exception</i> ) | <input checked="" type="checkbox"/> |
|--|-------------------------------------|
- For single source tasks valued below £5M, the following conditions shall apply:
- DEFCON 127 (Edn 12/14) – Price Fixing Condition for Contracts of a Lesser Value

DEFCON 812 (Edn 12/14) – Single Source Open Book

DEFCON 815 (Edn 04/15) – Contract Pricing Statement – Single Source Non-qualifying contracts

Exceptionally, if other than Firm Priced at Outset (*include additional conditions in attachment & complete Appendix 4*)

**Payment Terms**

*(Use of P2P and Payment on Completion are the default)*

DEFCON 522J (Edn 05/03) – Payment Under P2P   
*(If applicable attach completed Form 522A)*

DEFCON 693 (Edn 04/06) – Government Procurement Card

Milestone/Stage Payments   
*(see DEFCON 649 (Edn 07/99) below)*

DEFCON 649 (Edn 07/99) – Vesting   
*(applicable to Tasks with deliverables where provision has been made for milestone/Stage payments in advance of completion)*

DEFCON 5J (Edn 07/99) – Unique Identifiers

DEFCON 129 (Edn 07/08) – Packaging (For Articles other than Ammunition & Explosives)

**Alternative Payment Arrangements Required**

*(Where payment cannot be made through the MOD invoice payment department (e.g. for tasks placed by other Government departments), please provide full details of the payment procedure to be followed, as an attachment to this tasking form)*

**Milestone/Stage Payments**

*(Expand table as appropriate)*

| Milestone/Stage No   | Key Deliverable   | Due Date   | % | Value £k (ex VAT) |
|--|---|------------|---|-------------------|
| 1  | Delivery of Phase 1 Report  | 28 Sept 15 |   |                   |
| <b>FINAL</b> <i>(Payment should be subject to a reasonable retention based on % of total cost)</i> | Final Delivery of Phase 2 Report and Satisfactory delivery of all work under the contract | 22 Jan 16  |   |                   |

**Intellectual Property Rights**

Completion of this section is **mandatory**. Select the appropriate condition(s) by ticking the boxes below after consulting FTS/STS Customer Guidance or with DIPR, if appropriate. In the event that no boxes are ticked in this section (Intellectual Property Rights), all intellectual property generated under the Task shall be subject to the terms of DEFCON 703.

| DEFCON  | Tick                     | As<br>Applicable                | Tasking Order Line Item<br>( tick as appropriate)                    |
|---|--------------------------|---------------------------------|--|
| <b><u>If DEFCON 703 does not apply then select either:</u></b>  |                          |                                 |  |
| DEFCON 705 (Edn 11/02)  | <input type="checkbox"/> | All<br><input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| <b><u>OR:</u></b>   |                          |                                 |  |
| DEFCON 14 (Edn 11/05),<br>15 (insert edition that applies)<br>21 (insert edition that applies),<br>126 (Edn 11/06) &<br>DEFFORM 315 | <input type="checkbox"/> | All<br><input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| DEFCON 14 (Edn 11/05),<br>16 (Edn 10/04), 21 (insert<br>edition that applies) &<br>DEFFORM 315                                      | <input type="checkbox"/> | All<br><input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| DEFCON 14 (Edn 11/05),<br>90 (Edn 11/06) & 126 (Edn<br>11/06)   | <input type="checkbox"/> | All<br><input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| DEFCON 14 (Edn 11/05),<br>91 (Edn 11/06) & 126 (Edn<br>11/06)   | <input type="checkbox"/> | All<br><input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| Other, as specified in a<br>special IPR condition to be<br>applied to the Tasking<br>Order  | <input type="checkbox"/> | All<br><input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| No intellectual property conditions apply (refer to<br>DIPR before ticking this box).   |                          |                                 | <input type="checkbox"/>   |

|   |                          |
|---|--------------------------|
| <b>Issue of Government Stores</b>                                 |                          |
| DEFCON 23 (Edn 08/09)* – Special Jigs, Tooling and Test Equipment | <input type="checkbox"/> |

|  |                          |
|--|--------------------------|
| <b>Controlled Information</b>  |                          |
| Issue of Controlled Information (subject Condition 50 of Schedule 1)<br><br>(if ticked then list Controlled Information and attach list to Tasking Form) | <input type="checkbox"/> |

|  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| <b>Payment of Customs Duty – select one box only</b> |                          |   |                          |
| DEFCON 619A (Edn 09/97) – Customs<br>Duty Drawback   | <input type="checkbox"/> | Issue of Certificate in accordance with EU<br>(Council) Regulation 150/2003 | <input type="checkbox"/> |

|   |  |  |                                     |                    |         |
|---|--|--|-------------------------------------|--------------------|---------|
| <b>Progress Reports</b>   |  |  |                                     |                    |         |
| If ticked, progress reports must utilise the current version of DRRS Format Standards for Scientific and Technical Reports Prepared for the United Kingdom Ministry of Defence. | <input type="checkbox"/>                         | DEFCON 642 (Edn 06/97) – Progress Meetings | <input checked="" type="checkbox"/> | Frequency required | Monthly |
| Brief Description   | Please see attached Statement of Work at Annex A |  |                                     |                    |         |

|   |                          |  |                                     |
|---|--------------------------|--|-------------------------------------|
| <b>Transport – select one box only</b>  |                          |  |                                     |
| DEFCON 621A (Edn 06/97) – Transport (if the Authority is responsible for transport) | <input type="checkbox"/> | DEFCON 621B (Edn 10/04) – Transport (if the Contractor is responsible for transport) | <input checked="" type="checkbox"/> |

|  |   |   |
|--|---|---|
| <b>Liquidated Damages applicable? Tick box if “Yes”</b>                  |   | <input type="checkbox"/>                |
| <i>(Refer to Condition 46 of Schedule 1)</i>                             |   |   |
| Task Item 1  | £ | per day/week/month up to a maximum of £ |
| Task Item 2  | £ | per day/week/month up to a maximum of £ |
| Task Item 3  | £ | per day/week/month up to a maximum of £ |
| Task Item 4  | £ | per day/week/month up to a maximum of £ |
| Task Item 5  | £ | per day/week/month up to a maximum of £ |
| <b>Force Majeure</b>   |   |   |
| Maximum period of extension of time in the case of a Force Majeure Event |   |   |

**Quality Assurance Conditions**

According to the product or scope of the work to be carried out, the Contractor shall meet the requirements of:

AQAP 2110 – NATO Quality Assurance Requirements for Design, Development and Production

**Deliverable Quality Plan requirements**

DEFCON 602A (Edn 12/06) – Quality Assurance with Quality Plan  DEFCON 602B (Edn 12/06) – Quality Assurance without Quality Plan

AQAP 2105 – NATO Requirements for Delivering Quality Plans

**Software Quality Assurance requirements**

AQAP 2210 – NATO Supplementary Software Quality Assurance Requirements to AQAP 2110

**Air Environment Quality Assurance requirements**

Def. Stan. 05-100 – Ministry of Defence Requirements for Certification of Aircraft for Authorised Flight and Ground Running (Mandatory where flying and/or ground running of issued aircraft is a requirement of the Task)

Relevant MAA Regulatory Publications (See attachment for details)

Additional Quality Requirements (See attachment for details)

**Warranty**

Express Warranty (See attachment for details)

Warranty – remedies implied by general law

**Security**

DEFCON 659a (11/14) and DEFCON 660 (11/14) – Reportable Official Sensitive Security Requirements.

**3. Price**

| TOTAL CONTRACT PRICE   | TYPE OF PRICING |
|------------------------|-----------------|
|                        | Firm Price      |
| Travel and Subsistence | Max Price       |

**4. Authority Tasking Order Commercial Officer Authorisation**

|           |                             |
|-----------|-----------------------------|
| Name      | [redacted]                  |
| Position  | <b>Commercial Officer</b>   |
| Signature |                             |
| Date      | Telephone Number [redacted] |

**5. Acknowledgement by supplier**

|           |                  |
|-----------|------------------|
| Name      |                  |
| Position  |                  |
| Signature |                  |
| Date      | Telephone Number |

**6. Record of Authorised Changes**

| CHANGE ISSUE NUMBER | DATE OF ISSUE | COMMENTS / REASON FOR CHANGE |
|---------------------|---------------|------------------------------|
|                     |               |                              |
|                     |               |                              |
|                     |               |                              |

**7. Final Administration**

Where the output of any research or study is a Technical Report, the Report is to be completed in accordance with the current version of the ATHENA Defence Research Reports Specification - 'Format Standards for Scientific and Technical Reports Prepared for the United Kingdom Ministry of Defence'. MOD Customers may obtain this document via the [www.dstl.gov.uk](http://www.dstl.gov.uk). **The Contractor** shall send a copy of the report on CD ROM in unlocked pdf.format to:

Dstl Knowledge & Information Services,  
Bldg 247,  
Dstl Porton Down,  
Salisbury  
Wilts SP4 0JQ.  
Tel: 01980 613971

Any staff on DII can search the ATHENA system via the online science gateway to ascertain if particular research or a study already exists. Access can be requested utilising a password (supplied) via this link: <http://osg.dstl.r.mil.uk/SignIn/SignIn.aspx/>

**On receipt of the order acknowledgement from the Contractor, the Authority's Commercial Manager (who placed the task) must send a copy of the acknowledged final tasking order form together with a completed DEFFORM 57 AND DEFFORM 111 (Edn 08/14) to:**

[redacted]

A copy of the acknowledged final tasking order form must be sent by the **Authority's Commercial Manager (who placed the task)** and by the Contractor electronically to the FATS team at the following address:

[REDACTED]

However, if this is not possible, please send a hard copy to:

[redacted]

Appendix 1 to Schedule 3 (Tasking Order Form) – DEFFORM 111

DEFFORM 111  
(Edn 08/14)

Appendix – Addresses and Other Information

**1. Commercial Officer**

[redacted]

**2. Project Manager, Equipment Support Manager or PT Leader**  
(from whom technical information is available)

[redacted]

**3. Packaging Design Authority**

(Where no address is shown please contact the Project Team in Box 2)

**4. (a) Supply/Support Management Branch or Order Manager:**

Tel No:

(b) U.I.N. P2497A

**5. Drawings/Specifications are available from**

**6. For contracts containing DEFCON 5, mauve Copies of MOD Form 640 are to be sent to**

(where no address is shown the mauve copy should be destroyed)

**7. Quality Assurance Representative:**

Commercial staff are reminded that all Quality Assurance requirements should be listed under the General Contract Conditions.

**AQAPS** and **DEF STANs** are available from UK Defence Standardization, for access to the documents and details of the helpdesk visit <http://dstan.uwh.diif.r.mil.uk/> [intranet] or <https://www.dstan.mod.uk/> [extranet, registration needed].

**8. Public Accounting Authority**

1. Returns under DEFCON 694 (or SC equivalent) should be sent to DBS Finance ADMT – Assets In Industry 1, Level 4 Piccadilly Gate, Store Street, Manchester, M1 2WD ☎ 44 (0) 161 233 5397

2. For all other enquiries contact DES Fin FA-AMET Policy, Level 4 Piccadilly Gate, Store Street, Manchester, M1 2WD ☎ 44 (0) 161 233 5394

**9. Consignment Instructions**

The items are to be consigned as follows:

**10. Transport.** The appropriate Ministry of Defence Transport Offices are:

**A. DSCOM.** DE&S, DSCOM, MoD Abbey Wood, Cedar 3c, Mail Point 3351, BRISTOL BS34 8JH  
Air Freight Centre  
IMPORTS ☎ 030 679 81113 / 81114 Fax 0117 913 8943  
EXPORTS ☎ 030 679 81113 / 81114 Fax 0117 913 8943  
Surface Freight Centre  
IMPORTS ☎ 030 679 81129 / 81133 / 81138 Fax 0117 913 8946  
EXPORTS ☎ 030 679 81129 / 81133 / 81138 Fax 0117 913 8946

**B. JSCS**

JSCS Helpdesk No. 01869 256052 (select option 2, then option 3)  
JSCS Fax No. 01869 256837  
[www.freightcollection.com](http://www.freightcollection.com)

**11. The Invoice Paying Authority (see Note 1)**

Ministry of Defence ☎ 0151-242-2000  
DBS Finance  
Walker House, Exchange Flags Fax: 0151-242-2809  
Liverpool, L2 3YL **Website is:**  
<https://www.gov.uk/Government/organisations/ministry-of-defence/about/procurement#invoice-processing>

**12. Forms and Documentation are available through \*:**

Ministry of Defence, Forms and Pubs Commodity Management  
PO Box 2, Building C16, C Site  
Lower Arccott  
Bicester, OX25 1LP (Tel. 01869 256197 Fax: 01869 256824)  
**Applications via fax or email: [DESLCSLS-OpFormsandPubs@mod.uk](mailto:DESLCSLS-OpFormsandPubs@mod.uk)**

**NOTES**

**1. Forms.** Hard copies, including MOD Form 640 are available from address in Box 12., All other invoicing forms e.g. AG Forms 169 and 173, are available from the website address shown at Box 11.

**2.\* Many DEFCONs and DEFFORMs** can be obtained from the MOD Internet Site:  
<https://www.aof.mod.uk/aofcontent/tactical/toolkit/index.htm>

**For Official Use Only** Recoverable YES  NO

Issue of Government Property YES  NO

**Finance Branch** SACC

**RAC / LPC No / Project No** NPD002 P90064900

**Requisition No** 102152

VAT Contractor – Country of Origin (delete those not applicable)

UK  
X

Overseas (non-EC  
Country)

Overseas (EC Country)

Project  
Management/  
Production branch  
reference

SACC DT

If EC specify country:

Place of  
manufacture

Outside the scope

Item Nos

Exempt

Item Nos

Taxable Zero Rate

Item Nos

Taxable – Standard Rate

Item Nos

Place of packaging

Contractor's Tel No

(where a contract is with an overseas contractor JSP 916 should be consulted)

## **Appendix 2 to Schedule 3 (Confidentiality Agreement)**

The provisions of this Clause are supplemental to DEFCON 531

1 Both DEFCON 531 and the provisions of this Clause apply to:

- (A) This Tasking Order;
- (B) Any Information disclosed by either party prior to the issue of a draft Tasking Order and in contemplation of Work being placed by the Authority under a Tasking Order; and

I Any Task placed under this Agreement, provided that Information provided to a party for the purpose of Tendering for a Tasking Order shall only be used for that Tendering purpose, and Information provided to a party for performing a Task placed on it under this Agreement shall only be used for the performance of that Task.

2 Subject to its requirements of continued access to Information necessary to exercise its rights of disclosure and use hereunder including under any Tasking Order, and to the obligations set out herein in respect of any Controlled Information (Definition in Clause 43 Schedule 1), the recipient of any Information shall:

- (A) Upon the expiry or termination of the Agreement; or
- (B) Upon the expiry or termination of any Tasking Order (for the purposes of which Information is disclosed); or

I If the Authority decides not to proceed with the issue of a Tasking Order (for the purposes of which Information is disclosed),

in accordance with any reasonable directions given and/or a reasonable request made by the other party promptly:

- (1) Return to the other party the Information and all copies thereof; or
- (2) Take such other measures in respect of the Information and all copies thereof as may be required elsewhere in the Tasking Order.

3 The provisions of DEFCON 531 and of this Clause shall survive the expiry or termination of the Agreement or any Tasking Order in accordance with 2(A) or 2(B) or the decision not to proceed in accordance with 2(C).

### Appendix 3 to Schedule 3 (Price Summary)

Supplier price summary: To be completed by the supplier in support of a quotation provided in response to an ITT for the requirement captured on the above Draft Tasking Order Form.

1. To: \_\_\_\_\_ 2. From: \_\_\_\_\_

Date of submission: \_\_\_\_\_

In response to your request for a quotation reference FTS/DE / \_\_\_\_\_ Dated \_\_\_\_\_

\*The work can be undertaken and our detailed response is attached.

\*We are unable to provide the resources/deliverables identified on this occasion.

(\* Check box as appropriate)

Signed: \_\_\_\_\_ Name: (Block Capitals)  
Date: \_\_\_\_\_

2. Task title): \_\_\_\_\_

3. Unique Reference Number: \_\_\_\_\_

4. Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_

| 5a. Quotation<br>Broad<br>Capability<br>Area No. | Grade | Daily rate<br>quoted at<br>ITT | Daily rate<br>quoted for<br>this task | Reduction on<br>original ITT<br>rate | No of<br>Hours | Total |
|--|-------|--------------------------------|---------------------------------------|--------------------------------------|----------------|-------|
|--|-------|--------------------------------|---------------------------------------|--------------------------------------|----------------|-------|

| 5b. Travel |               | Unit cost | Number of<br>Journeys / Miles | Total |
|------------|---------------|-----------|-------------------------------|-------|
|            | Rail          |           |                               |       |
|            | Motor Mileage |           |                               |       |
|            | Air           |           |                               |       |
|            | Sea           |           |                               |       |

| 5c. Subsistence | Estimated expenditure on: | Unit cost | Number of<br>Night/Days | Total |
|-----------------|---------------------------|-----------|-------------------------|-------|
|                 | Accommodation             |           |                         |       |
|                 | Meals                     |           |                         |       |
|                 | Misc (please state below) |           |                         |       |

The above T&S costs relate to the period \_\_\_\_\_ to \_\_\_\_\_

5d.Other  
Costs

**Sub-contractor**  
**Price**

Sub-Contractor Details

Materials

Other (Please provide  
details below)

Description

Cost

Total Price

(excl. VAT)

## Appendix 4 to Schedule 3 (Montreal Protocol Substances)

**CFCs** - Production of controlled CFCs has stopped.

|                                     |         |
|-------------------------------------|---------|
| CFC-11 (trichlorofluoromethane)     | CFC-211 |
| CFC-12 (dichlorodifluoromethane)    | CFC-212 |
| CFC-13                              | CFC-213 |
| CFC-111                             | CFC-214 |
| CFC-112                             | CFC-215 |
| CFC-113 (trichlorotrifluoroethane)  | CFC-216 |
| CFC-114 (dichlorotetrafluoroethane) | CFC-217 |
| CFC-115 (chloropentafluoroethane)   |         |

The above substances are also used in blends: e.g.

CFC-500 (CFC-12/HFC-152a)

CFC-502 (CFC-115/HCFC-22).

**Halons** - Production of controlled Halons has stopped.

Halon-1211 (bromochlorodifluoromethane – BFC)

Halon-1301 (bromotrifluoromethane – BTM)

Halon-2402

**HBFCs** - Production has stopped.

|  |  |  |  |
|--|--|--|--|
| CHBr <sub>2</sub>                              | C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>2</sub> | C <sub>3</sub> HF <sub>4</sub> Br <sub>3</sub>               | C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Br <sub>3</sub> |
| CHF <sub>2</sub> Br                            | C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br              | C <sub>3</sub> HF <sub>5</sub> Br <sub>2</sub>               | C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Br <sub>2</sub> |
| CH <sub>2</sub> FBr                            | C <sub>2</sub> H <sub>3</sub> FBr <sub>2</sub>               | C <sub>3</sub> HF <sub>6</sub> Br                            | C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Br              |
|  | C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Br              | C <sub>3</sub> H <sub>2</sub> FBr <sub>5</sub>               | C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub>               |
| C <sub>2</sub> HFBr <sub>4</sub>               | C <sub>2</sub> H <sub>4</sub> FBr                            | C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>4</sub> | C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub> |
| C <sub>2</sub> HF <sub>2</sub> Br <sub>3</sub> |  | C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub> | C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br              |
| C <sub>2</sub> HF <sub>3</sub> Br <sub>2</sub> | C <sub>3</sub> HFBr <sub>6</sub>                             | C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> | C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub>               |
| C <sub>2</sub> HF <sub>4</sub> Br              | C <sub>3</sub> HF <sub>2</sub> Br <sub>5</sub>               | C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br              | C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br              |
| C <sub>2</sub> H <sub>2</sub> FBr <sub>3</sub> | C <sub>3</sub> HF <sub>3</sub> Br <sub>4</sub>               | C <sub>3</sub> H <sub>3</sub> FBr <sub>4</sub>               | C <sub>3</sub> H <sub>6</sub> FBr                            |

**HCFCs** - Production to be run down and phased out by 2015.

Certain use controls apply.

|          |           |            |          |
|----------|-----------|------------|----------|
| HCFC-21  | HCFC-141  | HCFC-225ca | HCFC-243 |
| HCFC-22  | HCFC-141b | HCFC-225cb | HCFC-244 |
| HCFC-31  | HCFC-142  | HCFC-226   | HCFC-251 |
| HCFC-121 | HCFC-142b | HCFC-231   | HCFC-252 |
| HCFC-122 | HCFC-151  | HCFC-232   | HCFC-253 |
| HCFC-123 | HCFC-221  | HCFC-233   | HCFC-261 |
| HCFC-124 | HCFC-222  | HCFC-234   | HCFC-262 |
| HCFC-131 | HCFC-223  | HCFC-235   | HCFC-271 |
| HCFC-132 | HCFC-224  | HCFC-241   |          |
| HCFC-133 | HCFC-225  | HCFC-242   |          |

**CARBON TETRACHLORIDE (CCl<sub>4</sub>)** – Production has stopped.

**1,1,1-TRICHLOROETHANE (C<sub>2</sub> H<sub>3</sub> Cl<sub>3</sub>)** – Production has stopped.

**METHYL BROMIDE (CH<sub>3</sub>Br)** – **Production limits apply.**