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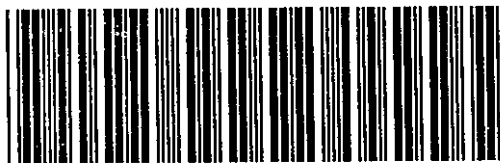
**CERTIFICATE OF INCORPORATION
OF A PRIVATE LIMITED COMPANY**

Company No. 3400320

The Registrar of Companies for England and Wales hereby certifies that
NETWORK SATELLITE LIMITED

is this day incorporated under the Companies Act 1985 as a private
company and that the company is limited.

Given at Companies House, Cardiff, the 3rd July 1997



N03400320Z

D. J. Phillips
D. J. PHILLIPS

For The Registrar Of Companies



C O M P A N I E S H O U S E



OYEZ

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Declaration on application for registration

Company Name in full

NETWORK SATELLITE LIMITED



F0120C10

I, Evelyn Maria Meenaghan

of 20 Merchants Quay, Dublin 8, Ireland

do solemnly and sincerely declare that I am a ~~Solicitor engaged in the formation of the company~~ person named as director or secretary of the company in the statement delivered to the Registrar under section 10 of the Companies Act 1985) and that all the requirements of the Companies Act 1985 in respect of the registration of the above company and of matters precedent and incidental to it have been complied with.

And I make this solemn Declaration conscientiously believing the same to be true and by virtue of the Statutory Declarations Act 1835.

Declarant's signature

Declared at 22 Tudor Street, London, EC4Y 0JJ

the 30th day of June

One thousand nine hundred and ninety Seven

Please print name.

before me Jeremy Nieboer

Signed

Date 30 June 1997

A Commissioner for Oaths or Notary Public or Justice of the Peace or Solicitor

Gouldens

22 Tudor Street, London

EC4Y 0JJ

Tel 0171 583 7777

DX number 67

DX exchange LONDON

Please give the name, address, telephone number, and if available, a DX number and Exchange, of the person Companies House should contact if there is any query.



A33 *A5FRBX1U* 532
COMPANIES HOUSE 02/07/97

When you have completed and signed the form please send it to the Registrar of Companies at:

Companies House, Crown Way, Cardiff, CF4 3UZ DX 33050 Cardiff
for companies registered in England and Wales

or
Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB
for companies registered in Scotland



COMPANIES HOUSE

Please complete in typescript,
or in bold black capitals.

Notes on completion appear on final page

10

**First directors and secretary and intended situation of
registered office**

Company Name in full

NETWORK SATELLITE LIMITED



F010001H

Proposed Registered Office

(PO Box numbers only, are not acceptable)

49 High Street

WESTBURY - On - Trym.

Post town

County / Region

Bristol

Postcode

BS9 3ED.

If the memorandum is delivered by an agent
for the subscriber(s) of the memorandum
mark the box opposite and give the agent's
name and address.

Agent's Name

Address

Post town

County / Region

Postcode

Number of continuation sheets attached

Please give the name, address,
telephone number and, if available,
a DX number and Exchange of
the person Companies House should
contact if there is any query.

Tel

DX number

DX exchange

Ci



Form revised March 1995

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or
Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB
for companies registered in Scotland

DX 235 Edinburgh

Company Secretary (see notes 1-5)

Company name

NAME

*Style / Title

*Honours etc

* Voluntary details

Forename(s)

Surname

Previous forename(s)

Previous surname(s)

Address

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

Postcode

Country

I consent to act as secretary of the company named on page 1

Consent signature

Date

Directors (see notes 1-5)

Please list directors in alphabetical order

NAME

*Style / Title

*Honours etc

Forename(s)

Surname

Previous forename(s)

Previous surname(s)

Address

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For a corporation, give the registered or principal office address.

Post town

County / Region

Postcode

Country

Day Month Year

Date of birth

Nationality

Business occupation

Other directorships

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3400320

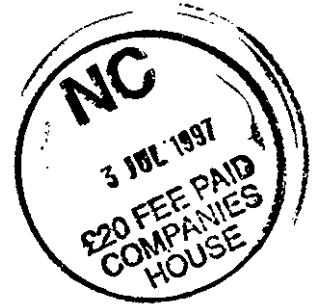
THE COMPANIES ACT 1985
COMPANY LIMITED BY SHARES



MEMORANDUM OF ASSOCIATION

of

NETWORK SATELLITE LIMITED



1. The name of the Company is NETWORK SATELLITE LIMITED.
2. The registered office of the Company will be situate in England.
3. The objects for which the Company is established are:-
 - (A) To carry on all or any of the businesses of importers, exporters, designers, manufacturers, manufacturers' agents and representatives, buyers, sellers, distributors, factors, wholesalers, retailers and shippers of and dealers in produce, products, goods, wares and merchandise of every description, to participate in, undertake, perform and carry on all kinds of commercial, industrial, trading and financial operations and enterprises; general business consultants, market research specialists, experts and advisers in business, office and other systems and costs analysis, efficiency techniques, marketing and sales promotion, management, economic and financial matters affecting commerce and industry; to create, establish and maintain an organisation for the purchase, sale, vending, distribution, advertisement or introduction of products, merchandise, goods, wares and commodities of every description, to carry on all or any of the businesses of haulage and transport contractors, removers, general storekeepers and warehousemen, discount and credit traders, mail order specialists, railway, shipping and forwarding agents; and to purchase or otherwise acquire and take over any businesses or undertakings which may be deemed expedient or to become interested in, and to carry on or dispose of, remove or put an end to the same or otherwise deal with any such businesses or undertakings as may be thought desirable.
 - (B) To carry on any other trade or business whatsoever which can, in the opinion of the Directors, be advantageously carried on by the Company in connection with or as ancillary to any of the above businesses or the general business of the Company.
 - (C) To purchase, take on lease or in exchange, hire or otherwise acquire and hold any estate or interest in any lands, buildings, easements, rights, privileges, secret processes, machinery, plant, stock-in-trade, and any real or personal property of any kind necessary or convenient for the purposes of or in connection with the Company's business or any branch or department thereof.
 - (D) To erect, construct, lay down, enlarge, alter and maintain any buildings, works, plant and machinery, necessary or convenient for the Company's business, and to contribute to or subsidise the erection, construction and maintenance of any of the above.
 - (E) To borrow or raise or secure the payment of money for the purposes of or in connection with the Company's business, and for the purposes of or in connection with the borrowing or raising of money by the Company to become a member of any building society.

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- (F) To mortgage and charge the undertaking and all or any of the real and personal property and assets, present or future, and all or any of the uncalled capital for the time being of the Company, and to issue at par or at a premium or discount, and for such consideration and with and subject to such rights, powers, privileges and conditions as may be thought fit, debentures or debenture stock, either permanent or redeemable or repayable, and collaterally or further to secure any securities of the Company by a trust deed or other assurance.
- (G) To issue and deposit any securities which the Company has power to issue by way of mortgage to secure any sum less than the nominal amount of such securities, and also by way of security for the performance of any contracts or obligations of the Company or of its customers or other persons or corporations having dealings with the Company, or in whose businesses or undertakings the Company is interested, whether directly or indirectly.
- (H) To receive money on deposit or loan upon such terms as the Company may approve, and to guarantee or otherwise support or secure, either with or without the Company receiving any consideration or advantage and whether by personal covenant or by mortgaging or charging all or part of the undertaking, property, assets and rights present and future and uncalled capital of the Company or by both such methods or by any other means whatsoever, the liabilities and obligations of and the payment of any monies whatsoever (including but not limited to capital, principal, premiums, interest, dividends, costs and expenses on any stocks, shares or securities) by any person, firm or company whatsoever including but not limited to any company which is for the time being the holding company or a subsidiary (both as defined by Section 736 of the Companies Act 1985 and as amended by Section 144 of the Companies Act 1989) of the Company or of the Company's holding company or is otherwise associated with the Company in its business.
- (I) To make experiments in connection with any business or proposed business of the Company, and to apply for or otherwise acquire in any part of the world any patents, patent rights, brevets d'invention, trade marks, licences, protections and concessions which may appear likely to be advantageous or useful to the Company, and to use and manufacture under or grant licences or privileges in respect of the same, and to expend money in experimenting upon and testing and in improving or seeking to improve any patents, inventions or rights which the Company may acquire or propose to acquire.
- (J) To draw, make, accept, endorse, negotiate, discount and execute promissory notes, bills of exchange and other negotiable instruments.
- (K) To invest and deal with the monies of the Company not immediately required for the purposes of its business in or upon such investments or securities and in such manner as may from time to time be determined.
- (L) To pay for any property or rights acquired by the Company, either in cash or fully or partly paid-up shares, with or without preferred or deferred or guaranteed rights in respect of dividend or repayment of capital or otherwise, or by any securities which the Company has power to issue, or partly in one mode and partly in another, and generally on such terms as the Company may determine.
- (M) To the extent permitted by law, to give financial assistance for the purpose of the acquisition of shares of the Company or any company which is a holding company thereof or for the purpose of reducing or discharging a liability incurred for the purpose of such an

acquisition and to give such assistance by means of gift, loan, guarantee, indemnity, the provision of security or otherwise.

- (N) To accept payment for any property or rights sold or otherwise disposed of or dealt with by the Company, either in cash, by instalments or otherwise, or in fully or partly paid up shares of any company or corporation, with or without deferred or preferred or guaranteed rights in respect of dividend or repayment of capital or otherwise, or in debentures or mortgage debentures or debenture stock, mortgages or other securities of any company or corporation, or partly in one mode and partly in another, and generally on such terms as the Company may determine, and to hold, dispose of or otherwise deal with any shares, stock or securities so acquired.
- (O) To enter into any partnership or joint-purse arrangement or arrangement for sharing profits, union of interests or co-operation with any company, firm or person carrying on or proposing to carry on any business within the objects of this Company, and to acquire and hold, sell, deal with or dispose of shares, stock or securities of any such company, and to guarantee the contracts or liabilities of, or the payment of the dividends, interest or capital of any shares, stock or securities of and to subsidise or otherwise assist any such company.
- (P) To establish or promote or concur in establishing or promoting any other company whose objects shall include the acquisition and taking over of all or any of the assets and liabilities of this Company or the promotion of which shall be in any manner calculated to advance directly or indirectly the objects or interests of this Company, and to acquire and hold or dispose of shares, stock or securities of and guarantee the payment of the dividends, interest or capital of any shares, stock or securities issued by or any other obligations of any such company.
- (Q) To purchase or otherwise acquire and undertake all or any part of the business, goodwill, property, assets, liabilities and transactions of any person, firm or company carrying on any business which this Company is authorised to carry on.
- (R) To sell, improve, manage, develop, turn to account, exchange, let on rent, royalty, share of profits or otherwise, grant licences, easements and other rights in or over, and in any other manner deal with or dispose of the undertaking and all or any of the property and assets for the time being of the Company for such consideration as the Company may think fit.
- (S) To amalgamate with any other company whose objects are or include objects similar to those of this Company, whether by sale or purchase (for fully or partly paid-up shares or otherwise) of the undertaking, subject to the liabilities, of this or any such other company as aforesaid, with or without winding up, or by sale or purchase (for fully or partly paid-up shares or otherwise) of all or a controlling interest in the shares or stock of this or any such other company as aforesaid, or by partnership, or any arrangement of the nature of partnership, or in any other manner.
- (T) To apply for, promote, and obtain any Act of Parliament, order, or licence of the Department of Trade or other authority for enabling the Company to carry any of its objects into effect, or for effecting modification of the Company's constitution, or for any other purpose which may seem calculated directly or indirectly to promote the Company's interests, and to oppose any proceedings or application which may seem calculated directly or indirectly to prejudice the Company's interests.
- (U) To enter into any arrangements with any government or authority (supreme, municipal, local or otherwise) that may seem conducive to the attainment of the Company's objects or

any of them, and to obtain from any such government or authority any charters, decrees, rights, privileges or concessions which the Company may think desirable and to carry out, exercise, and comply with any such charters, decrees, rights, privileges and concessions.


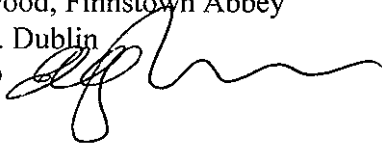
- (V) To employ advisors to investigate and examine into the condition, prospects, value, character, and circumstances of any business concerns and undertakings and generally of any assets, property or rights.
- (W) To act as agents or brokers and as trustees for any person, firm or company, and to undertake and perform sub-contracts.
- (X) To remunerate any person, firm or company rendering services to the Company either by cash payment or by the allotment to him or them of shares or other securities of the Company credited as paid up in full or in part or otherwise as may be thought expedient.
- (Y) To pay all or any expenses incurred in connection with the promotion, formation and incorporation of the Company, or to contract with any person, firm or company to pay the same, and to pay commissions to brokers and others for underwriting, placing, selling, or guaranteeing the subscription of any shares or other securities of the Company.
- (Z) To contribute by donation, subscription, guarantee or otherwise to any charitable or public or political or useful object whatsoever and to support and subscribe to any institution, society or club which may in the opinion of the directors be for the benefit, directly or indirectly, of the Company or its directors or employees, or may be connected with any town or place where the Company carries on business; to give or award pensions, annuities, gratuities, and superannuation or other allowances or benefits or charitable aid and generally to provide advantages, facilities and services for any persons who are or have been directors of, or who are or have been employed by, or who are serving or have served the Company, or of any company which is a subsidiary of the Company or the holding company of the Company or a fellow subsidiary of the Company or of the predecessors in business of the Company or any such subsidiary, holding or fellow subsidiary company and to any wives, widows, children and other relatives and dependants of such persons; to make payments towards insurance; and to set up, establish, support and maintain superannuation and other funds or schemes (whether contributory or non-contributory) for the benefit of any of such persons and of their wives, widows, children and other relatives and dependants; to make provision for the benefit of persons employed or formerly employed by the Company or any of its subsidiaries, notwithstanding that the exercise of this power is not in the best interests of the Company, in connection with the cessation or the transfer to any person of the whole or part of the undertaking of the Company or any subsidiary; and to set up, establish, support and maintain profit sharing or share purchase schemes for the benefit of any of the employees of the Company or of any such subsidiary, holding or fellow subsidiary company and to lend money to any such employees or to trustees on their behalf to enable any such purchase schemes to be established or maintained; and to purchase and maintain for any persons who are Directors, officers, employees, or agents of the Company or the auditors of the Company from time to time insurance against any liability.
- (AA) To procure the Company to be registered or recognised in any part of the world.
- (BB) To distribute among the members in specie any property of the Company, or any proceeds of sale or disposal of any property of the Company, but so that no distribution amounting to a reduction of capital be made except with the sanction (if any) for the time being required by law.

- (CC) To do all or any of the above things in any part of the world, and either as principals, agents, trustees, contractors or otherwise, and either alone or in conjunction with others, and either by or through agents, sub-contractors, trustees or otherwise.
- (DD) To do all such other things as are incidental or conducive to the above objects or any of them.

It is hereby expressly declared that each sub-clause of this clause shall be construed independently of the other sub-clauses hereof, and that none of the objects mentioned in any sub-clause shall be deemed to be merely subsidiary to the objects mentioned in any other sub-clause.

- 4. The liability of the members is limited.
- 5. The share capital of the Company is £100,000 divided into 100,000 Ordinary shares of £1 each.

WE, the several persons whose names, addresses and descriptions are subscribed, are desirous of being formed into a Company in pursuance of this Memorandum of Association, and we respectively agree to take the number of shares in the capital of the Company set opposite our respective names.

NAMES, ADDRESSES AND DESCRIPTIONS OF SUBSCRIBERS	Number of Shares taken by each Subscriber
 LINDA CLEGG 344 Orwell Park Close Templeogue Dublin 6W IRELAND	ONE
EVELYN MARIA MEENAGHAN Chartered Secretary 24 Silverwood, Finnstown Abbey Lucan. Co. Dublin IRELAND 	ONE

DATED this day of 199.

WITNESS to the above Signatures: Maria Corcoran



286 Batchleors Walk
Dublin 1

THE COMPANIES ACT 1985

COMPANY LIMITED BY SHARES

ARTICLES OF ASSOCIATION

of

NETWORK SATELLITE LIMITED

PRELIMINARY

1. The Company is a private company limited by shares and accordingly any offer to the public of shares in or debentures of the Company or any allotment of or agreement to allot shares in or debentures of the Company with a view to their being offered for sale to the public is prohibited. Subject as hereinafter provided and except where the same are varied by or inconsistent with these presents the Regulations contained in Table A in the Companies (Tables A to F) Regulations 1985 (as amended prior to the adoption of these Articles) (hereinafter called "Table A") shall apply to the Company.

SHARES

2. (A) All shares in the original capital of the Company for the time being unissued which are relevant securities (as defined in Section 80(2) of the Act) shall be under the control of the Directors who are generally and unconditionally authorised to allot, agree to allot, grant options over or convert any security into or otherwise dispose of such shares or any of them at such time or times and on such terms (including time of allotment) as they think fit in the period of five years from the date of incorporation of the Company.

(B) At the expiry of such five year period, the authority contained in Article 2(A) shall expire, but such authority shall allow the Company to make an offer or agreement before the expiry of such authority which would or might require the allotment, grant of options over, conversion of any security into or other disposal of shares after the expiry of such authority, and the Directors may allot, grant options over, convert any security into or otherwise dispose of shares pursuant to any such offer or agreement as if such authority had not expired.

LIEN

3. Regulation 8 of Table A shall not apply to the Company. The Company shall have a first and paramount lien on all shares (whether fully paid or partly paid shares) standing registered in the name of any person for all monies presently payable by him or his estate to the Company whether he shall be the sole registered holder or one of several joint holders thereof. The Directors may at any time declare any share to be wholly or in part exempt from the provisions of this Article. The Company's lien on a share shall extend to any amount payable on it.

4. The registration of a transfer of a share shall operate as a waiver of the Company's lien (if any) thereon.

TRANSFER AND TRANSMISSION OF SHARES

5. Regulation 24 of Table A shall not apply to the Company. The Directors may in their absolute discretion and without assigning any reason therefor, decline to register any transfer of any share, whether or not it is a fully paid share.

SHARE CERTIFICATES

6. The Company may execute share certificates in accordance with the enabling provisions of Section 36A of the Act and the provisions of Regulation 6 of Table A shall be deemed to have been varied accordingly.

PROCEEDINGS AT GENERAL MEETINGS

7. Regulation 40 of Table A shall be read and construed as if the words "one person" were substituted for the words "two persons" and the word "each" shall be omitted."
8. Regulation 46 of Table A shall be read and construed as if the words "any member" were substituted for the words "at least two members" in paragraph (b) thereof and paragraphs (c) and (d) thereof were omitted.

VOTES OF MEMBERS

9. A proxy shall be entitled to vote on a show of hands and Regulation 54 of Table A shall be modified accordingly.
10. Regulation 59 of Table A shall not apply to the Company. On a poll votes may be given either personally or by proxy or, in the case of a member being a corporation, by its duly authorised representative.

DIRECTORS

11. Regulations 64 and 73 to 80 (inclusive) of Table A shall not apply to the Company. The last sentence of Regulation 84 of Table A shall be omitted.
12. Unless and until otherwise determined by ordinary resolution there shall be no maximum number of Directors and the minimum number of Directors shall be one. A sole Director shall have the authority to exercise all the powers of the Company vested in the Directors.
13. The Directors or the Company by ordinary resolution may appoint a person who is willing to act to be a director either to fill a vacancy or as an additional Director, provided that the appointment does not cause the number of Directors to exceed any number fixed by or in accordance with the Articles as the maximum number of Directors.
14. In Regulation 85(c) of Table A there shall be inserted after the words "be accountable to the Company" the words "unless the Company by ordinary resolution otherwise directs".
15. All or any of the Directors or of the members of any committee of the Board may participate in a meeting of the Board or that committee by means of a conference telephone or any communication equipment which allows all persons participating in the meeting to hear and speak to each other. A person so participating shall be deemed to be present in person at the meeting and shall be entitled to vote or be counted in a quorum accordingly. Such a meeting shall be deemed to take place where the largest of the group of those participating is assembled, or, if there is no such group where the Chairman of the meeting then is.

ALTERNATE DIRECTORS

16. The last sentence of Regulation 66 of Table A shall be omitted.

POWERS AND DUTIES OF DIRECTORS

17. Subject to a Director complying with the provisions of Section 317 of the Act, he shall be entitled to vote at a meeting of Directors in respect of any contract or arrangement in which he is interested and if he does so his vote shall be counted and he may be taken into account in ascertaining whether a quorum is present. Regulation 94 of Table A shall be construed accordingly.

PROCEEDINGS OF DIRECTORS

18. Notices of meetings of Directors shall be given to all Directors and to any alternative Directors appointed by them. Notice of the meeting of the Directors shall be deemed to be properly given to a Director if it is given to him personally or by word of mouth or sent in writing to him at his last known address or at any other address given by him to the company for this purpose, or by any other means authorised in writing by the Director concerned. A Director absent or intending to be absent from the United Kingdom may request that notices of meetings of the Directors shall, during his absence, be sent in writing to him at an address or to a facsimile or telex number given by him to the company for this purpose. Regulation 88 of Table A shall be modified accordingly.

19. All or any of the Directors or of the members of any committee of the Board may participate in a meeting of the Board or that committee by means of a conference telephone or any communication equipment which allows all persons participating in the meeting to hear and speak to each other. A person so participating shall be deemed to be present in person at the meeting and shall be entitled to vote or be counted in a quorum accordingly. Such a meeting shall be deemed to take place where the largest of the group of those participating is assembled, or, if there is no such group where the Chairman of the meeting then is.

NOTICES

20. In Regulation 112 of Table A the words "and who gives to the Company an address within the United Kingdom at which notices may be given to him" and the words "but otherwise no such member shall be entitled to receive any notice from the Company" shall be omitted.

21. In Regulation 116 of Table A the words "within the United Kingdom" shall be omitted.

WINDING UP

22. In Regulation 117 of Table A there shall be inserted before the words "determine how the division" the words "with the like sanction".

INDEMNITY

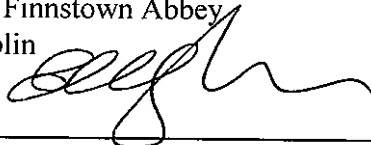
23. Regulation 118 of Table A shall not apply to the Company. Subject to the provisions of the Act, the Company may purchase and maintain for any Director, Managing Director, Secretary or other officer or employee or agent of the Company or its auditors insurance against any liability. Subject to the provisions of the Act, but without prejudice to any indemnity to which the person concerned may otherwise be entitled, every person who is or has been a Director, Managing Director, Secretary and other officer or employee of the Company shall (to the extent the proceeds of any insurance policy against such liability are insufficient to meet such liability in full) be indemnified out

of the assets of the Company against any liability relating to his conduct as, or incurred by him as, such Director, Managing Director, Secretary or other officer or employee of the Company in defending any proceedings, whether civil or criminal, in which judgment is given in his favour or in which he is acquitted or in connection with any application under section 144(3) or section 144(4) or section 727 of the Act in which relief is granted to him by the Court; and, if the Board thinks fit, every agent and the auditors of the Company may be so indemnified against any liability incurred by him/them in defending any such proceedings.

NAMES, ADDRESSES AND DESCRIPTIONS OF SUBSCRIBERS

Linda Clegg
LINDA CLEGG
344 Orwell Park Close
Templeogue
Dublin 6W
IRELAND

EVELYN MARIA MEENAGHAN
Chartered Secretary
24 Silverwood, Finnstown Abbey
Lucan. Co. Dublin
IRELAND



DATED this *30 June* day of 1997.

WITNESS to the above Signatures: Maria Corcoran

Maria Corcoran

286 Batchleors Walk
Dublin 1