

# NATIONAL ASSOCIATION FOR CLEAN AIR

## UPDATE OF NACA HISTORY - 1995-1999

Roy A Stephenson

### 1. INTRODUCTION

At the September 1998 Council meeting it was agreed to prepare an updated NACA History for the period 1995-9, to follow on from the 25-year history prepared by Gordon Grange, which was included in the November 1994 Journal.

The following tables have been included as annexures to this history, listing the full NACA history to date:

- \* Annexure I Branch Information
- \* Annexure II NACA Clean Air Awards 1986-1999
- \* Annexure III Presidents of the Association 1969-1999
- \* Annexure IV Honorary Presidents of NACA 1981-1999
- \* Annexure V Honorary members of NACA 1975-1999.
- \* Annexure VI Graphs and tables showing membership
- \* Annexure VII Obituaries

There have been great political and social changes in South Africa during the 5-year period under review and this has obviously impacted on the Association, particularly with regard to the composition of the membership and general attitudes. Increased consultation has become the norm in formulating environmental policies and due to demographic changes in membership the objectives are becoming more focussed. The changes to membership include:

- a. A increased number of female members in the Individual category, who have brought a fresh approach to current problems.
- b. A greater number of members from less advantaged backgrounds, who have caused fundamental changes in the alleviation of environmental problems.
- c. A radical change in the structure of provincial and local authorities, resulting in a new orientation of urban areas.
- d. A changed economic climate, which has impacted on Company membership and made fund raising more difficult.

In accordance with the above changes, a new logo was introduced. in mid-1993, and in the same year a new brochure was produced, setting out NACA's objectives, activities, membership services and benefits of membership. In March 1994, Council agreed to include the new logo on letterheads, certificates, compliment slips, visiting cards and application forms.

In September 1993, Council resolved to create the new position of Patron, which would necessitate a revision of the Constitution. This proposed change was agreed at the AGM in November 1993, and the Constitution was changed accordingly.

In mid-1993, a document on the future functionality of NACA was produced, which proposed that NACA follow a 3- to 5-year short term course before an eventual move to a full-time directorate in 10 to 15 years' time. This would be funded by a 20% increase in subscriptions per year over the next 3 years. This proposal was agreed at the AGM in November 1993.

### 2. BRANCHES (see Annexure I)

The six Branches continue to provide the grassroots support for the Association. They have organised seminars and meetings where discussions or lectures on current topics have been held. The Branches continue to be the lifeblood of the Association and have organised all the Annual Conferences (apart from the 1998 WCA Congress which was organised by a special Congress Committee) namely:

- 1994 - Cape Town
- 1995 - Durban
- 1996 - Badplaas
- 1997 - Vaal Triangle
- 1998 - World Clean Air Congress, Durban
- 1999 - Cape Town

Certain key members have guided the Branches over the 5-year period and, whilst it is not possible to single out everyone, the following must be mentioned:

**Western Cape:** Dave Brook was branch chairman in 1994 succeeded by Hans Linde in 1995. Ossie Oswald has been the Hon Treasurer for the full 5-year period. This Branch has been very

active over the 5-year period and has participated in the Cape Town Brown Haze and Milnerton Air Quality Studies.

**Transvaal/  
Northern**

In 1995 the Branch decided to change its name to be more in keeping with the present situation. The name *Northern Branch* was finally chosen. Flip Buys is currently the Branch chairman and is ably assisted by a strong committee; he succeeded Richard Truter, who emigrated to Australia in 1996. Honorary Treasurers included Tony Surridge, Joe Asamoah and, more recently, Otto Held.

**Natal:**

Mike Antonizzi has ably chaired the Natal Branch and is assisted by a strong Branch Committee. This Branch has been very active in school projects and also in the running of seminars.

**Eastern Cape:**

Andre Meyer has guided and motivated this Branch; he retired in 1998 and handed over the reins to Ronelle Claasen. Although a small branch, they are keen to attract members and hope to organise the 2001 Annual Conference.

**Vaal Triangle:**

Pieter du Toit has been chairman for the full period and took over from Charles McNulty. He has been ably supported by Carol Smith and a small Committee. In November 1993, Professor Annegarn reported that a new Blue Skies Pledge Certificate, sponsored by ISCOR and EMSA, had been drawn up. This project was initially actively supported with schools involvement.

**Soweto:**

Jabu Sithole has provided the motivation and hard work required to maintain this Branch, and is to be highly commended for his efforts. He has been assisted by Dave Mphati, Daniel Lethlage and other Committee members.

It should also be mentioned that the Branch Secretaries have done stalwart work and NACA is grateful to them for their dedication.

### 3. 1998 WORLD CLEAN AIR CONGRESS - DURBAN

The 11th IUAPPA World Clean Air Congress was a major undertaking and NACA was aware from its inception of both the honour and the responsibility of organising such a World Congress.

The first Organising Committee meetings were held under the chairmanship of Tony Surridge. Conference Planners of Pretoria were appointed as the Congress organisers, and Nigel Walker was asked to organise the exhibition as a separate but parallel operation. Initially it was hoped to include the Institute of Waste Management but this was not found viable.

In May, 1994, the Venue Sub-committee met to identify a conference centre that could provide the necessary facilities. Four possible venues in the Transvaal, namely Sun City, NASREC, World Trade Centre and Gallagher Centre, were considered in detail and discarded in favour of the new International Convention Centre, Durban, a state of the art complex due for completion in August 1996, with the first convention scheduled for August 1997.

It was decided to award the contract to the ICC, and to promote the Congress and venue at the 10th WCA Congress in Helsinki, Finland, in May/June 1995, at which time the First Announcement would be distributed.

Due to a heart attack in December 1994, the NACA Director, Roy Stephenson, relinquished his position as incoming IUAPPA President. Tony Surridge assumed this responsibility and in February, 1995, Rodney Meyer accepted the position of Congress Committee Chairman and incoming First Vice-President of IUAPPA.

Tony Surridge drew up a budget plan for the 1998 Congress which formed the basis of an ongoing financial control programme monitored by Rodney Meyer. It became apparent that not only would large sponsorship be necessary but that NACA would have to provide considerable bridging finance during the period immediately before any income from delegates' fees was received.

The Congress Committee now settled down to the organising of the Congress. The 10th IUAPPA World Congress in Helsinki afforded an opportunity not only to distribute the First Announcement but also to promote the Congress at a cocktail party for the IUAPPA Executive Committee, held at the South African Embassy in Helsinki. We were also able to send a personal invitation from President Mandela to all prospective delegates.

Regular meetings of the Organising Committee were held and in August 1995 the members were:

- Rodney Meyer - Chairman
- Harold Annegarn
- Tony Surridge - Chairman, Programme Sub-Committee
- Nigel Walker - Exhibition
- Petro Terblanche - NACA President
- Greg Tosen - Programme Sub-committee
- Richard Truter - Finance Sub-committee
- Gordon Grange
- Mike Antonizzi - Social Sub-committee
- Ammie Wissing - Conference Planners
- Roy Stephenson

The ICC site was visited in November 1995 at the time of the NACA Annual Conference in Durban.

Pieter du Toit and dr Francois Hanekom, Honorary President of NACA, joined the Organising Committee later in 1995. The Committee was further augmented by Catherine Fedorsky and John Easton.

In October 1995, the NACA auditors, De Loitte & Touche, recommended the formation of a private limited liability company for the purpose of the Congress. It was also agreed to register this Company for VAT. The Company World Clean Air Congress 1998 (Pty) Ltd. was registered on 25 March 1996, using the legal services of Cliffe Dekker & Todd. The Directors were:

- H Annegarn
- G Kornelius
- G Grange
- RCS Meyer
- RA Stephenson
- APS Terblanche

Unfortunately Richard Truter had to resign from the organising Committee in 1996 as he was emigrating to Australia. His work on the Committee was much appreciated.

The Second Announcement was printed in June 1996 and distributed shortly after. The Final Announcement was distributed in January 1998.

The Call for Papers was tabled at the November 1995 meeting and subject categories were agreed upon.

The design of the announcements and programme was carried out by Eric Annegarn with the approval of the Congress Committee. The high standard of presentation made an excellent impression on delegates.

Abstracts began to arrive in 1997, and 353 were received by August that year. Tony Surridge played a key role in

the organising of the programme and the completed programme was sent to the printer in August 1998.

Fundraising was proving extremely difficult and the task of raising some initial large donations was becoming urgent. In 1996 ESKOM agreed to donate a large sum over the next two years. Following this, a number of other sponsors were obtained, the final list comprising:

- ESKOM
- SASOL
- GENCOR
- HIGHVELD STEEL
- DEPT OF MINERALS & ENERGY
- DEPT OF ENVIRONMENTAL AFFAIRS & TOURISM
- EMSA
- CSIR, ENVIRONMENTEK
- FRENCH EMBASSY
- ISCOR
- TOYOTA
- ENGEN
- AER
- CHAMBER OF MINES
- NACA - Western Cape
- Natal/SACHI
- Transvaal/Northern

Nigel Walker joined TML Reed, who agreed to continue with the organising of the Exhibition; a contract was drawn up and signed in early 1997.

By mid-1997, sponsors were beginning to send in their donations and a quarter of a million rand had been received, including R20,000 from NACA branches.

During 1998, preparations continued and the numbers of delegates began to increase. Unfortunately the target figure of 600 was not reached; however, 440 delegates attended the Conference, of whom nearly 60% were from overseas.

The Conference itself was a great success and the seven parallel sessions, ably organised by Tony Surridge, ensured an excellent technical input.

Overseas delegates were particularly impressed by the Conference, which demonstrated that NACA was well fitted to host such a prestigious event and fully justified the confidence placed in this Association by the IUAPPA Executive. This highly successful undertaking was a highlight in NACA's recent history and greatly enhanced its international standing.

NACA is grateful for the untiring efforts of the main Congress Committee, and particularly to Tony Surridge and Rodney Meyer.

#### 4. OBITUARIES

Four prominent members of NACA passed away in the 5-year period, namely:

- Mr Jack Easterbrook  
died 7th December 1994
- Dr Eric Halliday  
died 15 July 1996
- Mr Lionel (Tommy) Tucker  
died 26 July 1996
- Prof Dick Dutkiewicz  
died 4 September 1998

Each of these individuals contributed greatly to the raising of the profile of NACA and the fulfillment of its aims and objectives. We are enriched by our association with them.

Detailed obituaries have been previously published and are included in Annexure VII.

#### 5. FINANCES

In 1995 it was decided to obtain the services of a registered bookkeeper to be responsible for the updating and computerisation of the NACA accounting system. Ian Oberholzer has installed the TurboCash system which provided up-to-date accounts, including separate accounts for the 6 Branches. A sound basis has been established, and the system will be modified to become Y2K compatible.

Our auditor, Ray Hislop, has been responsible for the audit of NACA's accounts for many years and continues to take a keen interest in the work of the Association. He has been particularly concerned with the utilisation of any surplus funds for the furtherance of NACA's objectives. This is currently important due to the very welcome financial proceeds of the 1998 WCA Congress.

Ian has been monitoring the 1998 Congress accounts, which are then audited by Ray Hislop. The WCA Company will only be closed down once the Income Tax situation has been finalised.

#### 6. EDUCATION

The 3 Source Books are now available in English and Afrikaans and have been regularly distributed to schools over the past 5 years. Attempts have been made to obtain further educational material, but this still remains a future project. However, the Western Cape Branch is in the process of translating the Source Books into Xosa. School projects have formed an integral part of Branch activities and the Source books are utilised for this purpose.

The 3rd edition of IUAPPA's Clean Air Around the World was published in 1995 and issued at the time of the Helsinki World Congress. Although a useful document, it has not been as well supported as IUAPPA originally hoped.

#### 7. NACA AWARDS (See Annexure II)

The criteria for these awards have been revised under the guidance of Gerrit Kornelius, and it is hoped that these will adequately meet the requirements of NACA.

##### **Bateman Instrument Award:**

Unfortunately the environmental division of Bateman closed down in 1998 and NACA awaits possible developments in sponsoring a similar award.

#### 8. CONTACT WITH GOVERNMENT DEPARTMENTS

A significant development in the past 5 years has been the improved contact with the two relevant government departments. The complete revision of environmental policies, resulting from the political changes of 1994, has necessitated a greater input from NACA.

The Association has been fortunate in having two of its key members in senior positions, namely Dr Francois Hanekom, our Honorary President, at the DEA&T and Dr Tony Surridge at the DME. Both of these have facilitated discussions and challenged NACA Council to be more proactive. This has resulted in NACA members taking an active part in policy and other deliberations.

Prof H Annegarn has taken an active role in many projects and has provided expertise on several air quality matters.

Although Dr Petro Terblanche has moved to a new department in the CSIR, her previous invaluable work with Enviromentek means that she is still consulted on many related matters.

One of our Council members, Sean O'Beirne has taken an active part in several environmental studies. There are also several environmental consultants within the NACA membership who have made major contributions to several investigations.

Our current Vice President, Jabu Sithole, has been extremely active in conducting school seminars and other environmental projects.

#### 9. RESEARCH REPORTS

There have been several projects in which NACA has either taken an active part or was able to support. These included:

## NACA supported projects

- a. Vaal Triangle:  
Although the monitoring work on this project was completed in 1994, it has not yet been possible to publish the final report until the necessary funding was obtained. The final report is due to be published shortly.
- b. Project SAM:  
This ongoing monitoring project has been in operation for several years; it is now being extended to new areas.
- c. Cape Town Brown Haze:  
As a result of the findings of this study, the Cape Metropolitan Council has implemented a Clean Diesel Campaign which will ensure monitoring and control of diesel emissions.

## Projects for NACA information

- a. AIRKEM:  
Several NACA members were closely associated with this project which has now entered Phase V.
- b. APOLCOM :  
This monitoring project will be extended; initial results showed an improvement in emissions. The very positive co-operation between industrialists was a feature of this work.
- c. Low Smoke Fuel:  
This DME organised project has involved several NACA members including Tony Surridge and Joe Asamoah.

## 10. JOURNAL

The Journal, which is issued twice a year in May and November, has been edited by Gerrit Kornelius who has been a tower of strength and enabled the high standard of the publication to be maintained.

## 11. NEWSLETTER

The Newsletter is issued 6 times a year and is produced by the Director. Over the years the presentation has been updated and it is hoped to continue this improvement.

## 12. DIRECTOR

Roy Stephenson took over this function from Gordon Grange in July 1993 and continued for 5 1/2 years until the end of 1998. During this period he also assumed responsibility for the financial aspects of the 1998 WCA Congress. It became apparent that the work load was steadily expanding due to increased membership and changing requirements, and when consideration was given to the appointment of a new Director, Council

decided to divide the responsibility and create two posts, namely a Technical Director and an Administrator.

From 1st January 1999 Piet Odendaal became Technical Director and Flo Duncan was appointed as Administrator. The new arrangement is working well and should allow NACA to widen its scope.

## 13. BURSARIES

The Bursary Fund was established using the R20,000 surplus from the 1988 Annual Conference held at Broederstroom, organised by the Transvaal Branch. The Fund has been used to assist many individuals to further their education or attend Conferences. Recipients of Bursaries in the 5-year period were:

Stuart Piketh attended International Conference in USA on Biomass Burning

Lynda Murray attended the Wits Advanced and Luanne Otter Study Winter School in Atmospheric Sciences

Dr du Plessis attended the August 1996 Ambient Air Quality Monitoring Course run by Ron Rorich

Otto Held and Ockie Lombard assisted to attend the 1996 Annual Conference at Badplaas

Gerrit Kornelius tabled revised criteria for award of bursaries at the May 1997 Council meeting; these were accepted and printed in the August 1997 Newsletter and the November 1997 Journal.

Darryl Jooste assisted in completing his 4th year of study at Natal Technikon in 1998

## 14 CONCLUSION

NACA has made tremendous strides since its inception and the last 5 years has consolidated this progress. The success of the World Congress has enhanced NACA's stature both locally and internationally, and has shown that we are capable of staging such a prestigious event. By bringing many international delegates to South Africa, it has afforded the opportunity of demonstrating the progress that has been made in this country in recent years.

It is now necessary to plan the initiatives needed to advance the Association even further. With the funds now available Council and Branches are in a good position to meet the challenges of the new millennium by increasing not only in numbers but in influence and stature in environmental matters.

RAS  
June 1999

## ANNEXURE I

### BRANCH INFORMATION (as at 07 May 1999)

	Northern	Western	Eastern	Natal	Vaal	Soweto	Other /	TOTALS
HONORARY	5	-	1	-	1	-	-	7
SUSTAINING	4	-	-	-	1	-	-	5
INDIVIDUAL - Includes CIND	176	65	17	68	11	11	-	348
COMPANY	39	10	5	16	12	-	-	82
LOCAL AUTHORITY	19	6	3	6	4	1	-	39
PUBLIC & STATUTORY	11	1	-	1	-	-	2	+15
JOURNAL - LIBRARIES	5	1	-	-	1	-	7	**14
STATE LIBRARIES	4	2	-	1	-	-	1	++8
COMPANY REPS	2	2	1	-	1	-	-	6
<b>TOTALS</b>	<b>265</b>	<b>87</b>	<b>27</b>	<b>92</b>	<b>31</b>	<b>12</b>	<b>10</b>	<b>524</b>

NB: TOTAL of 5+24 + Includes two foreign P&S members  
 \*\* Includes seven foreign Journal members  
 ++ Includes one Free State STL member

## ANNEXURE II

### NACA CLEAN AIR AWARDS

Date	Individual Awards	Corporate Award	Bateman Instrument
1986	Mr J L Easterbrook	Isacor Pretoria Works	
1987	Dr E C Halliday	Everite Ltd	
1988	—	Welgedacht Exploration Co	
1989	Dr C W Louw Dr Etel Kemeny	ESKOM Atmospheric Sciences, TRI	
1989	—	RAND Mines Milling & Mining Co Ltd	
1991	Mr D Bruckmann	Chamber of Mines Vegetation unit	
1992	Mr L Tucker Mr K Johnson	EMSA Ltd	
1993	Mr G H Grange	ISCOR Vanderbijlparl Works	Mr R Rorich
1994	Mr D Oxley	PPC Hercules Factory	Mr G R Ravenscroft
1995	Mr H Egenes	UNILEVER, Boksburg	-
1996	Dr N Boegman	ALGORAX, Port Elizabeth	Mr R Spires / E Mabile
1997	Mr J Sithole	COLUMBUS STEEL, M'burg	Mr O Pretorius
1998	Dr A D Surridge - Gold	DAVSTEEL DIV, Cape Gate	-
	Ms Y Scorgie - Silver	Special Award - ESKOM Research & Investigation	
1999	Dr Petro Terblanche	HIGHVELD STEEL AND VANADIUM CORP	

**ANNEXURE III**  
**PRESIDENTS OF THE ASSOCIATION**

<b>PERIOD FROM</b>	<b>PERIOD TO</b>	<b>PERSON</b>
07 May 1969	30 April 1971	J L Easterbrook
30 April 1971	12 October 1971	Dr A H Smith
12 October 1971	04 November 1976	Dr A Strasheim
04 November 1976	16 November 1978	Dr J D Louw
16 November 1978	20 November 1989	Prof R K Dutkiewicz
20 November 1980	25 November 1982	Dr G P N Venter
25 November 1982	25 October 1984	Dr J K Basson
25 October 1984	26 November 1986	C J Els
26 November 1986	10 November 1988	R C S Meyer
10 November 1988	24 October 1990	R A Stephenson
24 October 1990	09 November 1992	F V K von Reiche
09 November 1992	24 November 1994	Dr A D Surridge
24 November 1994	20 November 1996	Prof H J Annegarn
20 November 1996	15 September 1998	Dr A P S Terblanche
15 September 1998		J Easton

**ANNEXURE IV**  
**HONORARY PRESIDENTS OF THE ASSOCIATION**

<b>PERIOD FROM</b>	<b>PERIOD TO</b>	<b>PERSON</b>
05 February 1981	12 October 1982	Dr E Halliday
12 October 1982	30 September 1984	Dr J W L de Villiers
07 March 1985	November 1993	Mrs J L Hunter
24 November 1994	2 November 1996	Dr I McRae
20 November 1996		Dr F Hanekom

**ANNEXURE V**  
**HONORARY MEMBERS OF THE ASSOCIATION**

<b>Date of Election</b>	<b>Person</b>
November 1975	* Dr E C Halliday
November 1983	* J L Easterbrook
July 1986	* J Taylor
September 1986	Dr J D Louw
November 1989	Dr E Kemeny
July 1993	G H Grange
November 1993	Mrs J L Hunter
July 1998	Dr Strasheim

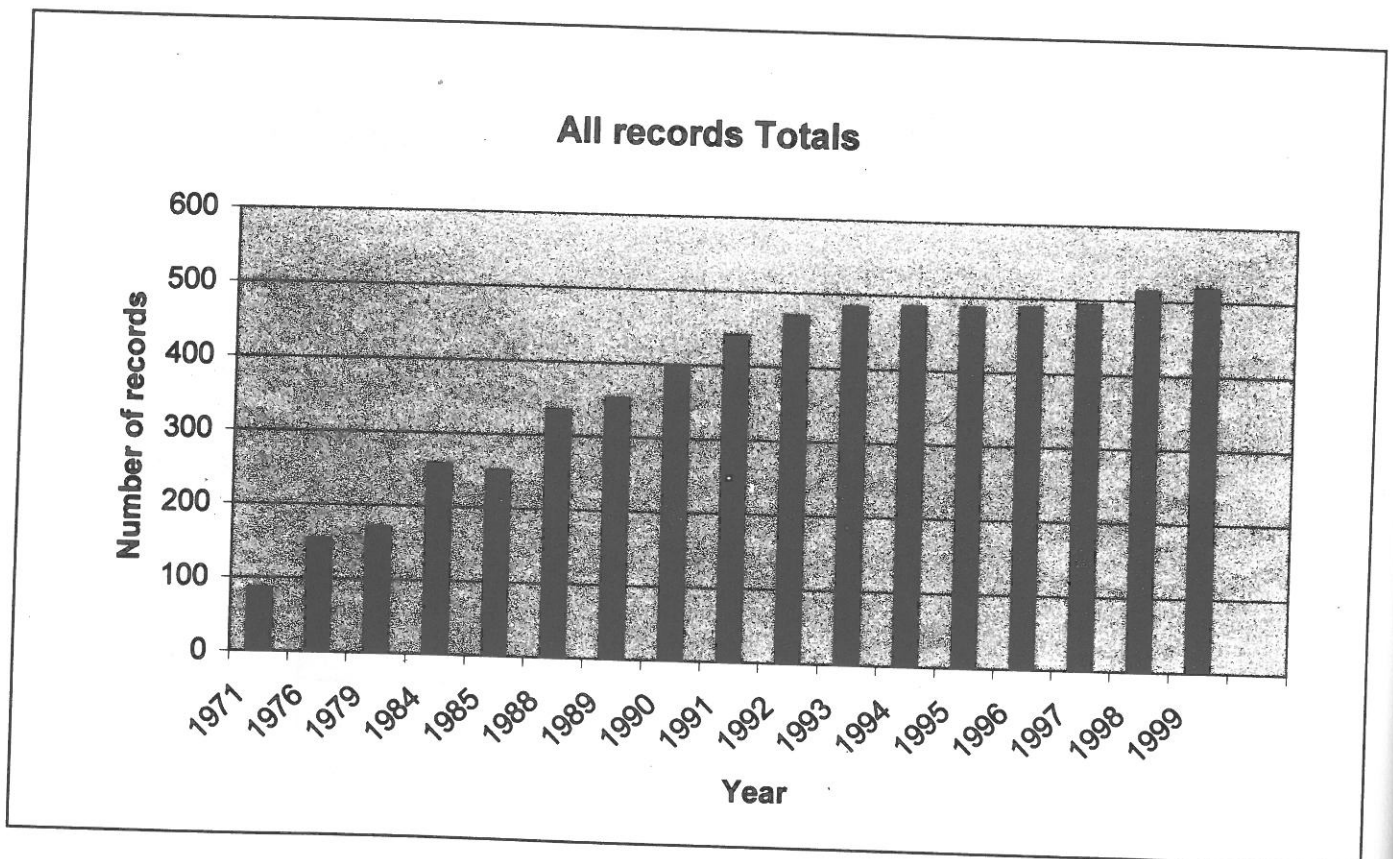
\* Deceased

## ANNEXURE VI (a)

### SCHEDULE OF MEMBERSHIP 1971-1999

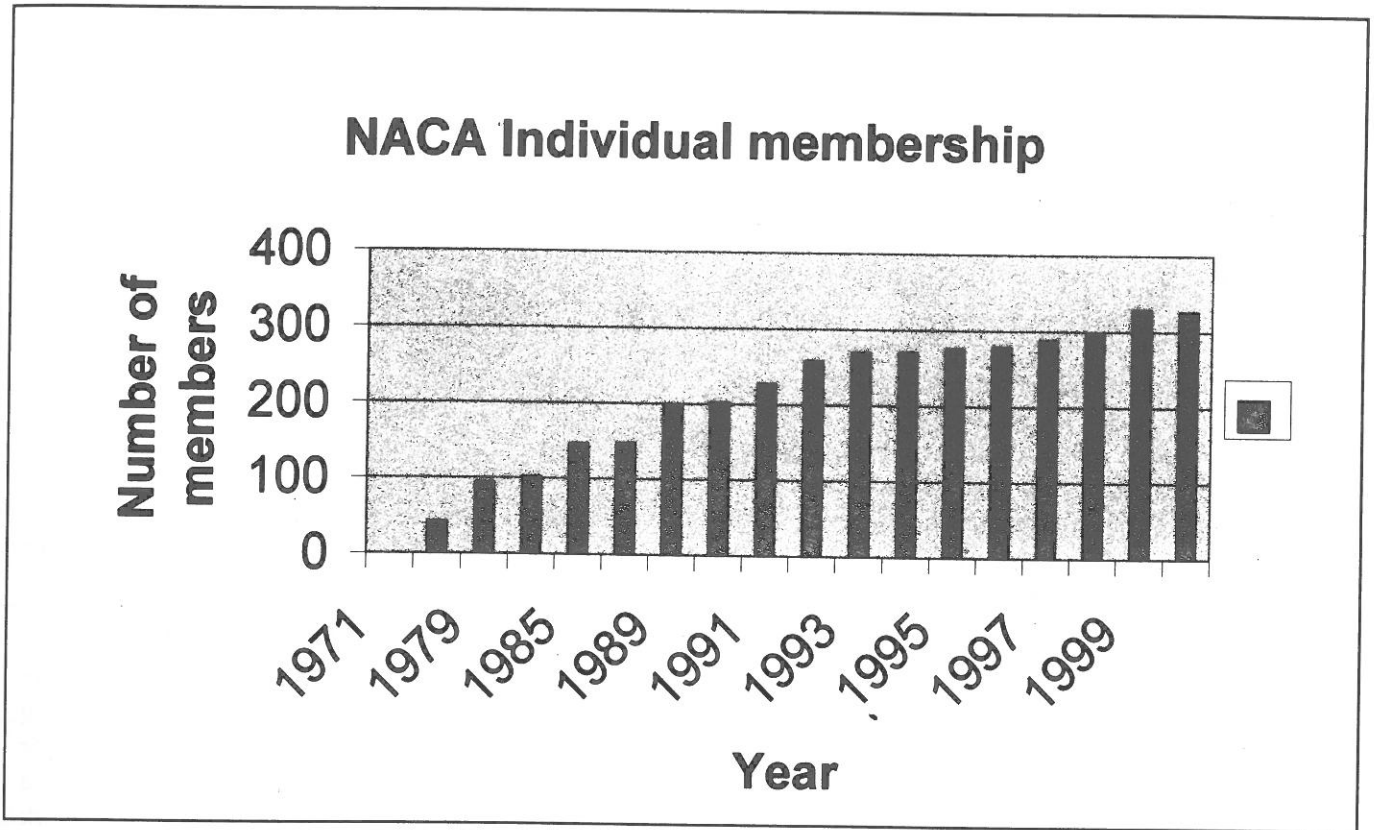
TYPE	1971	1976	1979	1984	1985	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Paying</b>																	
Sustaining	4	4	4	4	4	3	3	3	4	4	4	4	5	5	5	5	
Individual	42	94	102	146	147	198	202	227	258	270	271	276	279	288	296	329	326
Council Individual											16	16	16	14	14	11	16
Local Authority	12	21	27	29	26	36	43	44	43	44	41	41	40	39	40	38	39
Public & Statutory	6	6	8	8	9	15	15	15	16	16		17	19	18	17	16	15
Company	22	29	29	57	52	54	61	78	92	106	102	99	94	90	86	79	82
Journal Paying						12	12	12	12	12	12	11	12	12	12	10	8
<b>Paying SUBTOTAL</b>	<b>86</b>	<b>154</b>	<b>170</b>	<b>244</b>	<b>238</b>	<b>318</b>	<b>336</b>	<b>379</b>	<b>425</b>	<b>452</b>	<b>462</b>	<b>464</b>	<b>464</b>	<b>466</b>	<b>470</b>	<b>488</b>	<b>491</b>
<b>Free</b>																	
Journal Free				4	6	4	4	4	4	4	4	4	4	4	4	4	6
Honorary			1	2	2	5	5	5	5	6	6	6	6	6	6	7	7
State Libraries				8	5	8	8	8	8	8	8	8	8	8	8	8	8
Company Reps											4	4	5	5	6	7	6
<b>Free SUBTOTAL</b>	<b>nil</b>	<b>nil</b>	<b>1</b>	<b>14</b>	<b>13</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>22</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>24</b>	<b>26</b>	<b>27</b>
<b>TOTALS</b>	<b>86</b>	<b>154</b>	<b>171</b>	<b>258</b>	<b>251</b>	<b>335</b>	<b>353</b>	<b>396</b>	<b>442</b>	<b>470</b>	<b>484</b>	<b>486</b>	<b>487</b>	<b>489</b>	<b>494</b>	<b>514</b>	<b>518</b>

## ANNEXURE VI (b)





ANNEXURE VI(c)



ANNEXURE VI(d)

