

1. はじめに

1998年5月24日(日曜日)午前9時30分よりオランダのアムステルダム市のRAI国際会議場において、新しく発足することとなった*fib*の初めての総会が開催された。*fib*はフランス語の*fédération internationale du béton*(国際構造コンクリート連合)の頭文字である。総会はCEB(ヨーロッパ国際コンクリート委員会)会長であったRoy Rowe博士の進行で始まり、壇上にはFIP会長のMichel Virlogeux教授と前FIP会長のJan Moksnes氏ならびに*fib*事務局長のHans Rüdiger Tewes氏がRowe博士とともに着席していた。会場には*fib*の会費に応じた人数の代議員が加盟各国から出席した。日本からはJCIを代表して尾坂芳夫教授、西山峰広博士(小谷俊介教授の代理)、PC技術協会を代表して山崎 淳教授、渡辺史夫教授の計4名が議決権を持つ代表者として出席した。

会場には*fib* Directory 98(*fib*規則書98)が配布され、*fib*のstatutes(規約)について1997年4月28日に起草された案の審議が行われ、採決の結果、全会一致で承認された。

次に会長、会長代理、4名の幹部、10名の運営委員の選出が行われた。候補者はあらかじめDirectoryの中に載せられており、会長には予定通りにFIP会長のVirlogeux氏が選出され、会長代理にはオランダのデルフト工科大学のWalraven教授が選出された。いずれも任期は1998年から2000年までである。また、Moksnes氏とRowe氏はこの期間における幹部会に属する。

1998年から2002年までの4年間の任期の幹部としてFavre教授、Litzner博士、Strasky教授、それと筆者の池田が選出された。運営委員会は4年任期であり山崎淳教授が10名の中の1名として選出された。

研究委員会(Commission)は1から10までのものが組織され、その中のCommission 8の委員長として

魚本健人教授が選出された。

これらの選挙の後にVirlogeux氏が発足したばかりの*fib*についての目標と今後の抱負について情熱のこもった挨拶を行った。また事務局長のTewes氏より各国の加盟状況と研究委員会(Commission)の概要についての説明があった。以上で*fib*の第1回総会は滞りなく終了した。

以上のように新しく発足した*fib*は、Virlogeux会長のもとで構造コンクリートに関する唯一の国際学会としてスタートしたのである。ここでは、その発足の経緯、*fib*の機構と目標、および我が国の対応、などについて私見を述べることにする。

2. *fib* 発足の経緯

*fib*は1952年に共に発足したCEB(Comité Européen du Béton, ヨーロッパコンクリート委員会)とFIP(Fédération Internationale de la Précontrainte, 国際プレストレストコンクリート連合)とが合併して設立されたものである。ただし、CEBは1976年に名称がComité Euro-Internationale du Béton(ヨーロッパ国際コンクリート委員会)に変更された。

CEBとFIPとは共にヨーロッパに本拠地を置く組織であることから早くから協力関係にあり、1960年頃に合併の話が持ち上がったが、実現できなかった。しかしながら協力活動の一環として1962年にはプレストレストコンクリート指針を起草するためにCEB・FIPの合同委員会が設けられた。1964年にはCEBは鉄筋コンクリートに関する最初の国際指針を起草し、世界各国の規準作成に参照された。1970年には両組織が協力してCEB・FIP International Recommendationsが公表された。1978年にはCEB-FIP Model Code 1978が公表され世界各国の規準作成に大きな影響を与えた。1991年にはCEB-FIP Model Code 1990の最終案が公表された。以上の例のようにCEBとFIPとは長年にわたって協力関係にあり、また、両組織の活動で重複するものもあり、1990年代に入って両組織の合併の話

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が真剣に進められるようになった。独立した国際組織が合併することは言うは易しいが実行は極めて困難なことであって関係者は多大の努力をしたのである。

合併の背景としては、ヨーロッパ共同体としての EU の設立がある。CEB は CEB-FIP Model Code 作成のための基礎的な調査研究を鋭意進め、その成果は Euro Code (欧州規準) の中に反映された。一方、EU の設立に伴って CEN (Comité Euro Norm, ヨーロッパ規準委員会) が設立され、CEB がそれまで果たしてきた役割を直接的に担うこととなった。ヨーロッパ各国のコンクリート学協会は、従来は CEB と FIP の両方に属して活動してきたが CEN の設立に伴い、これにも参画することが必要となり合理的な活動を進めるには CEB と FIP の合併が求められるようになったのである。ただし、米国は CEB に加盟していなかったため両組織の合併については特別な熱意は持っていなかった。我が国は JCI (当協会) が CEB に加盟しており、また、プレストレストコンクリート技術協会が FIP の主要メンバーであったので、CEB と FIP との合併については種々の提言を行ってきた。CEB と FIP との間で正式に合併 (Merger) の基本的合意ができたのは 1993 年であり、その後、新組織の名称について迂余曲折があり、いったん“FIB”で決定しかけたが、FIP に酷似していることから CEB 側の反対もあり、妥協の産物として“fib”となったのである。合併に際しては両組織からの代表者数名で構成された Strategy Group および Management Group が組織され、新しく発足する fib の設立準備が進められた。

さて、上に述べた合併の背景はややヨーロッパ中心の感があるが、翻って現在の構造コンクリートの世界的発展普及や ISO を中心とする国際化の中で CEB と FIP の合併による新組織の設立は極めて意義深いことである

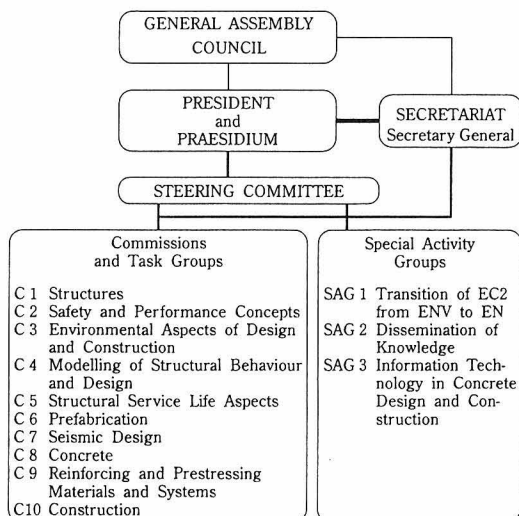


図-1 fib の組織

と思われる。したがって筆者もこの合併に賛同して活動し、今日に至ったのである。

3. fib の機構

fib は Statutes (規約) に基づいて存在する。この規約は公式にはフランス語で書かれており、これを英文としたものが実際に用いられている。英文の規約を付録に示す。なお、この規約の日本語の要約は既に本誌の Vol. 35, No. 10, 1997 年 10 月号, pp. 38~40 に掲載されている。

fib の組織は図-1 に示すとおりであり、会長および幹部会 (Praesidium) の下に運営委員会 (Steering Committee) があり、その下に研究委員会 (Commissions) と特別活動部会 (Special Activity Groups) とがある。

表-1 役員等選出メンバー

fib-Praesidium 1998-2000 (election for two year term) :

President	Virlogeux	France
Deputy-President	Walraven	The Netherlands
Past-President	Moksnes	Norway
Past-President	Rowe	United Kingdom

Two further coopted members will be elected by the Praesidium on recommendation of the President

fib-Praesidium 1998-2002 (election for four year term) :

Favre	Switzerland	Litzner	Germany
Ikedo	Japan	Strasky	Czech Republic

Two further members : The Deputy Chairmen selected by the Steering Committee from its 10 elected members.

fib-Steering Committee 1998-2002 (election for four year term) :

Braestrup	Denmark	Holland	Norway
Carvalho	Portugal	Mancini	Italy
Cox	South Africa	Subba Rao	India
d'Arcy	USA	Taerwe	Belgium
Fardis	Greece	Yamazaki	Japan

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Appointed Chairmen of Commissions who will also serve on the Steering Committee 1998-2002

C1 Structures	Klein	C6 Prefabrication	van Acker
C2 Safety and Performance Concepts	König	C7 Seismic Design	Pinto
C3 Environmental Aspects	Schiessl	C8 Concrete	Uomoto
C4 Modelling of Structural Behavior and Design	Marti	C9 Reinforcing and Prestressing Materials and Systems	Ganz
C5 Structural Service Life Aspects	Rostam	C10 Construction	Hoff

Appointed Chairmen of Special Activity Groups who will report to the Steering Committee

SAG1 Transition of EC 2 from ENV to EN	Skettrup
SAG2 Dissemination of Knowledge	Wicke
SAG3 Information Technology	Causse
Publications	Beeby

表-1 に設立当初に選出されたメンバーリストを示す。

現在、加盟している国は 37 カ国である。アジアからは日本、インド、中国、オーストラリア、ニュージーランドの 5 カ国が加盟している。

4. 我が国の対応

我が国からは現在、幹部会に 1 名、運営委員会に 1 名、研究委員会委員長に 1 名が参画しており、*fib* の運営について大いに我が国の考え方を発言できる立場にある。今後は各研究委員会にメンバーを送り国際的な交流を図ることが大切である。

理事会 (Council) には筆頭代議員である尾坂教授が出席し、議決権を行使することになる。

前述したように我が国からは JCI と PC 技術協会とがそれぞれ対等の立場で *fib* に合同で加盟しており会費も折半である。現在は両者で *fib* に関する打合せ会を組織して意見の交換や *fib* への対応を進めているが、今後はより緊密な連絡会を組織することが必要と思われる。

fib としての最初の大会 (Congress) は 2002 年 10 月に大阪で開催されることになっている。この大会の準備を含め、我が国の *fib* への寄与を進めることが肝心である。

5. おわりに

今後の構造コンクリートの国際的な技術交流は *fib* を中心として行われることになるものと思われる。21 世紀に我が国のコンクリート技術が国際的に活躍し、貢献するために *fib* の発足は極めて時宜を得たものと言える。*fib* に対する会員各位の御支援をお願いして筆を置く。

Statutes¹

Name, Objectives, Composition and Registered Office

Article 1 Name

The Federation shall be known as 'fédération internationale du béton-International Federation for Structural Concrete'. It was created from the 'Comité Euro-Interanational du Béton' and the Fédération Internationale de la Précontrainte'.

Article 2 Objectives

Its objectives are to develop at international level the study of scientific and practical matters capable of advancing the technical, economic, aesthetic and environmental performance of concrete construction.

This shall be achieved by :

(i) the stimulation of research and the synthesis of the findings from research and practice relating to various aspects of structural concrete ;

(ii) the promotion of development activities to aid in translating research findings and experience into design and construction practice ;

(iii) the dissemination of the results of research and develop-

ment activities and experience by way of publications, guidance documents and the organisation of international congresses and symposia ;

(iv) the production of recommendations for the design and construction of concrete structures, based upon appropriate and relevant performance criteria and environmental considerations, in both regional and international contexts ;

(v) the informing of members on the latest developments in structural concrete through regular publications relevant to the different interest groups within the membership.

These objectives shall be attained in conjunction with the existing international technical associations and international and regional standardisation organisations.

Article 3 Composition

It shall be composed of the following ;

(a) Statutory Members • National Delegations

(b) Corporate Members • Sponsoring Members
• Associate Members

(c) Individual Members • Subscribing Members
• Members
• Student Members

Article 4 National Delegations, Appointment of Delegates and Deputies

1. The National Delegation shall consist of nominated Delegates ; their number shall be dependent on the national subscription. These Delegates should be nominated by the national association, called National Member Group, which represents all the member organisations in that country. Where no national association can be created, the Delegates should be nominated by the individual groups within the country. Each Delegate to the General Assembly shall have a single vote and may be replaced by a Deputy to whom the Delegate's vote may be transferred in the case of his/her absence. From the National Delegates a Head of Delegation should be appointed who may receive, by written authorisation, the votes of his/her delegation thus acting as a Deputy for them.

2. Sponsoring Members may each nominate one representative to attend the General Assembly. Such representatives do not have voting rights.

Article 5 Registered Office

The registered office shall be at 2, rue du Commerce, Geneva.

Article 6 Term

The Association shall be set up for an unlimited term but it may be dissolved in accordance with Swiss law.

General Assembly : Functions and Modus Operandi

Article 7 Functions of the General Assembly of Delegates

1. The General Assembly is the governing body of the Federation ; it comprises the Heads of National Delegations, other Delegates or their Deputies and votes according to subscription rates.

2. It elects by secret ballot the President, Deputy President, and, every four years, 14 members-4 to serve on the Praesidium and 10 on the Steering Committee, a total of 16 elected members. The candidates for election should be capable of carrying forward the objectives of the Federation by virtue of their position and experiences. Candidates for the Deputy-Presidency, unless they are already members of the Praesidium, must be proposed by at least three National Member Groups. Other candidates must be proposed by one National Member Group. All nominations for election must be registered with the *fib* Secretariat two months before the election together with the nominee's written agreement to serve if elected.

3. It may on occasion confer the title of Honorary President on a retiring President and, on the recommendation of the Council, confer the title of Honorary Member on individuals for their contribution to the work of the Federation.

4. It shall deal with amendments to the Statutes and with the dissolution of the Federation.

5. It shall proceed to vote on resolutions, technical conclusions and on the approval of international recommendations and model codes.

6. The General Assembly may exclude from voting, or expel, National Member Groups for non-payment of subscriptions.

¹ These statutes in English language are used as an operative document. The official statutes of *fib* had to be deposited with the authorities of the 'Canton and Republic of Geneva' in French language as given hereafter.

Voting rights are dependent on the payment of the relevant subscription rate and being up-to-date in its payment.

Article 8 Meetings of the General Assembly

1. The General Assembly meets every 2 years at the invitation of the President.

2. The convening of a General Assembly is by letter at least one month in advance of the actual date. The notice of the meeting shall contain the Agenda. No resolution may be taken on any item not shown on the Agenda unless it relates solely to internal administrative matters.

3. An Extraordinary General Assembly may be called, if required, at the formal, written, request of 10 National Member Groups. This may be arranged through correspondence with postal voting.

Article 9 Quorum

The General Assembly shall have a quorum when more than half of the National Delegations is represented by at least one of their Delegates, or Deputies, and half the total voting rights can be exercised, save when amendments are being made to the Statutes. In that case, two-thirds of the total voting rights are necessary.

Article 10 Voting Majority

Decisions shall be taken on the basis of the majority of the votes cast, the President, or his substitute, having a deciding vote if required. For amendments to the Statutes, a decision based on a two-thirds majority of the votes cast is required.

Article 11 Record of Resolutions

All resolutions passed by a General Assembly shall be set down in a special register and signed by Council Members present and by the Secretary-General. This register shall be kept at the registered office of the Federation, where all delegates may peruse its contents.

Council : Composition and Modus Operandi

Article 12 Composition and Duties of the Council

1. The Council consists of the Heads of the National Delegations, the President, the Deputy-President, the immediate Past-President ; together with the Secretary-General, and the Honorary Presidents, who have no voting rights.

It meets at least once a year.

2. Within the Council members up to five Vice-Presidents may be appointed, each to act as a focus for regional activities.

3. The Council shall appoint an Honorary Treasurer with the responsibility of over-seeing the financial affairs of the Federation and liaising with the official book-keeping and auditing bodies. The Honorary Treasurer should report to the Council and General Assembly on relevant financial matters.

4. The Council approves the budget, accounts, subscriptions and other financial matters.

5. The Council approves the creation of new commissions and appoints the Commission Chairmen.

6. The Council fixes the dates and venue of congresses and symposia, and the content of the working sessions, in collaboration with the National Member Group of the country in which the event is to take place.

7. The Council decides on the admission of Statutory Members and Corporate Members and the conditions of their admission and resignation.

8. The Council makes the awards of Honours and medals of different types.

President, Deputy-President and Praesidium

Article 13 The President

The term of office of the President is for 2 years and he/she should have served as a Deputy-President for the preceding 2 years. Subsequently he/she serves as the immediate Past-President for a further two years.

Article 14 The Deputy-President

The term of office of the Deputy-President is for two years and he/she is the President-Designate.

Article 15 The Praesidium

The Praesidium consists of the President, the Deputy-President, the Immediate Past-President, the two Deputy-Chairmen of the Steering Committee, four other elected Members, the Secretary-General (ex officio) and up to two coopted members.

The elected members serve a four year term and may be re-elected for a second term. The coopted members will be elected by the Praesidium on the recommendation of the President for the duration of his time of office.

The Praesidium works on a consensus basis.

The Praesidium shall advise the President on the implementation of the decisions of the General Assembly and the Council—in effect it acts as the executive committee of the Federation. It shall also take the initiative in the whole field of technical promotion of structural concrete acting through the Federation's various bodies or otherwise as relevant.

The Praesidium shall be responsible for the appointment of the Secretary-General.

The Praesidium shall be responsible for the procedure to replace any elected member who is for any reason unable to be effectively in office.

Steering Committee, Commissions and Task Groups

Article 16 The Steering Committee

1. The Steering Committee is chaired by the President or Deputy-President of the Federation and consists of ten elected members, and the Commission Chairmen. The elected members serve a four year term and may be re-elected for a second term.

2. The Steering Committee selects two Deputy-Chairmen from the elected members for its representation on the Praesidium. It meets at least once a year to guide the activities of the various Commissions and Task Groups which report to it.

3. It has the responsibility for initiating Commissions and Task Groups, with their terms of reference and constitutions, including the proposals for the Chairmen, and for monitoring the output from them. It is also responsible for ensuring the active participation of the various members and may call for the resignation of members who do not attend meetings and offer no adequate explanation for their absence.

4. It makes recommendations to the Praesidium and Council regarding the appropriate means of dissemination of the results of the work of its different bodies and, where relevant, of the need to seek the formal approval, through Technical Resolutions, of the General Assembly for the envisaged action.

Article 17 Commissions and Task Groups

1. Commissions may consist of up to 25 members appointed for a 4 year term with the possibility of re-appointment for further terms. Their Chairmen shall be proposed by the Steering Committee, and approved by Council, for a 4 year term, with the possibility of a second term.

2. Task Groups—these are set up with specific terms of reference, timescales and with a limited number of members. Their Convenors are appointed by the Steering Committee which may appoint the members and/or endorse the Convenor's nominees.

Subscriptions

Article 18 Subscriptions

1. The Council shall set the level of subscriptions based upon the estimates of expenditure of the Federation and the defined budget for the following year with the aim of ensuring the long term viability of the Federation. The levels should be reviewed from time to time with the basis for allowing for inflation being the Swiss retail prices index.

2. For Statutory Members there should be a number of levels of subscription, with associated voting rights, from which each Statutory Member selects one which it should endeavour to maintain for at least a three year period.

3. For Sponsoring Members, the subscription shall be fixed by the Council and reviewed from time to time.

4. For Associate and Individual Members, the subscription shall be set by the Council and reviewed from time to time to ensure that the needs of the Federation for these categories of members are met.

International Congresses and Symposia

Article 19 International Congresses and Symposia

1. Congresses and Symposia shall be organised periodically by the Federation their organisation being the responsibility of a National Member Group.

2. They shall be organised according to rules laid down by the Council in collaboration with the National Member Group of

the country where the event is to be held.

3. The Federation is responsible only for the scientific and technical aspects of these events.

4. The Federation may sponsor Symposia organised by other bodies subject to conditions defined by the Praesidium.

Revision of Statutes, Dissolution and Legal Provisions

Article 20 Revision of the Statutes

The statutes may only be revised at an ordinary or extraordinary General Assembly by a two-thirds majority according to Article 9.

Article 21 Possible Dissolution and Liquidation of the Federation

1. The dissolution and liquidation of the Federation shall be governed by current laws.

2. The Extraordinary General Assembly declaring the voluntary dissolution of the Federation—on the basis of a two-thirds majority of those delegates having voting rights, or their deputies, present and voting—shall also be required to determine the allocation of the net assets. It shall, in particular, following the final settlement of outstanding accounting operations and current financial commitments, decide on the direct transfer of these assets to one or several International Association (s) of public interest replacing the 'fédération internationale du béton—International Federation for Structural Concrete'—and pursuing similar objectives.

Article 22 Legal Provisions

1. The 'fédération internationale du béton—International Federation for Structural Concrete', founded in accordance with article 52, 60 and ff. of the Swiss Civil Code, is a federation governed by these statutes and on a supplementary basis by Swiss law, with particular reference to articles 957 and ff. of the Swiss Code of Obligations.

2. The Federation shall enjoy civil status.

Article 23 Domicile

The Federation shall be domiciled in Geneva. Any disputes which arise within the Federation shall come under the sole jurisdiction of the competent courts of the Canton of Geneva.

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As minuted by the notary Mr Buhler in Geneva on April 28, 1997, the official French version of these statutes was formally signed by

Signatures :

Rowe	(CEB President and fib President)
Virlogeux	(FIP President and fib President)
Macchi	(CEB Vice-President)
Favre	(CEB Vice-President and fib Treasurer)
Walther	(FIP Honorary President)
Tewes	(CEB Secretary General and fib Secretary)

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