# TECHNICAL REGULATIONS FOR THE COMPOSITION AND

# CALCULATION OF THE SOCIEDAD DE BOLSAS, S.A. INDEXES

**IBEX** 35 ®

**IBEX** MEDIUM CAP ®

**IBEX** SMALL CAP ®

**IBEX** TOP DIVIDENDO ®

**IBEX** 35 ® CAPPED

**IBEX** 35 ® CAPPED NET RETURN

**IBEX** 35 ® CON DIVIDENDOS (IBEX 35 ® TOTAL RETURN)

**IBEX** 35 ® CON DIVIDENDOS NETOS (IBEX 35 ® NET RETURN)

**IBEX** TOP DIVIDENDO RENTABILIDAD ® (IBEX TOP DIVIDENDO ® TOTAL RETURN)

**IBEX** 35 ® INVERSO (IBEX 35 ® SHORT)

**IBEX** 35 ® DOBLE INVERSO (IBEX 35 ® DOUBLE SHORT)

**IBEX** 35 ® TRIPLE INVERSO (IBEX 35 ® TRIPLE SHORT)

**IBEX** 35 ® DOBLE APALANCADO (IBEX 35 ® DOUBLE LEVERAGE)

**IBEX** 35 ® DOBLE APALANCADO BRUTO (IBEX 35 ® DOUBLE LEVERAGE GROSS)

**IBEX** 35 ® DOBLE APALANCADO NETO (IBEX 35 ® DOUBLE LEVERAGE NET)

**IBEX** 35 ® TRIPLE APALANCADO (IBEX 35 ® TRIPLE LEVERAGE)

**IBEX** 35 ® DE COMPRA (IBEX 35 ® BID)

**IBEX** 35 ® DE VENTA (IBEX 35 ® ASK)

IBEX 35 ® IMPACTO DIV (IBEX 35® DIV IMPACT)

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#### 1. INTRODUCTION

The present document contains the current Technical Regulations for the Composition and Calculation of the Indexes calculated by Sociedad de Bolsas, S.A.

Any modification or alteration of the present Technical Regulations must be approved by the Board of Directors of Sociedad de Bolsas, S.A. following a report by the Indexes Technical Advisory Committee at the proposal of the Indexes Manager (as regards point 3 of the regulations).

Said modifications or alterations shall be made public no later than 48 hours after the corresponding decision has been made and shall become effective within seven days following their publication, unless otherwise expressly agreed.

# 2. TECHNICAL ADVISORY COMMITTEE AND INDEXES MANAGER

#### 2.1 Technical Advisory Committee

The Technical Advisory Committee in charge of the Indexes is composed of a minimum of five and maximum of nine members. Where the Committee is made up of an even number of members, the Chairman shall have the casting vote. The Committee functions are:

- to supervise that the calculation of the Indexes is carried out by the Manager in accordance with the present Technical Regulations for the Composition and Calculation of the Sociedad de Bolsas, S.A. Indexes,

- to ensure the proper operation of the Indexes for use as an underlying index for trading in financial derivatives,

- to study and approve the redefinitions of the Indexes when it deems appropriate and at least every three months,

- to report any modification regarding point 3 of these Technical Regulations for Indexes Calculation.

The meetings of the Technical Advisory Committee are defined as ordinary, follow up and extraordinary meetings, and they shall be called by the Chairman, at his own initiative or when so requested by at least one third of its members.

The ordinary meetings must be held twice a year, in the first and second calendar half-year periods in order to redefine the Indexes for the following period.

The follow up meetings must be held twice a year, in the quarterly periods not coinciding with the calendar half-year periods. At follow up meetings, indexes components will be modified only if any of the stocks showed a significant change in its liquidity that could advise to redefine the Indexes for the following period.

All other meetings will be held on an extraordinary basis.

Committee decisions made at ordinary and follow up meetings are published no later than 48 hours after the meeting and come into effect the first day of the following period. Decisions taken at an extraordinary meeting are published and come into effect in accordance with the specific decisions taken at the meeting. Until the decisions of the Technical Advisory Committee are published, the preliminary documents and deliberations are considered strictly reserved and confidential.

Responsibility for appointing the members of the Technical Advisory Committee, the Chairman, and the Secretary and for establishing its internal rules rests with the Board of Directors of Sociedad de Bolsas, S.A.

# 2.2 Indexes Manager

Management of the Indexes is entrusted to the Indexes Management Secretariat within the Sociedad de Bolsas. Its main functions are the management, calculation, publication and maintenance of the Sociedad de Bolsas Indexes.

# 3. COMPOSITION AND CALCULATION OF THE INDEXES

All information concerning the calculation of the Sociedad de Bolsas Indexes, particularly the Indexes, components, weighting and formula, shall be made public at all times.

# 3.1 IBEX 35 ®

#### 3.1.1 Composition of the Index

The IBEX 35® index is composed of the 35 securities listed on the Stock Exchange Interconnection System of the four Spanish Stock Exchanges, which were most liquid during the control period pursuant to the terms of this regulation. For the purposes hereof:

- A) The control period for the securities included in the Index shall be, for ordinary and follow up reviews, the six-month interval prior to the date of the review. With respect to extraordinary reviews, the control period shall be that decided by the Technical Advisory Committee at that time.
- B) The Technical Advisory Committee shall take into account the following liquidity factors:

- 1. The trading volume in Euros in the order-driven market (Spanish Stock Exchange Interconnection System market segment of the Joint Stock Exchange System called Main Trading Market).
- 2. The quality of the said trading volume, considering:
  - trading volume during the control period that:
    - is the result of transactions involving a change in the stable shareholding structure of the Company,
    - was traded by the same market member in a small number of transactions, or traded during a time period regarded by the Manager as not representative,
    - suffers a decline such as to cause the Manager to consider that the stock's liquidity has been seriously affected,
  - the characteristics and amount of the transactions made in the market,
  - the statistics for the trading volume and characteristics of the trading,
  - the quality of bid-ask spreads, turnover and other liquidity measures applied at the discretion of the Technical Advisory Committee.
- 3. Suspension of quotation or trading during a time period considered significant by the Technical Advisory Committee.
- C) The Technical Advisory Committee will also take into account the security's sufficient stability, bearing in mind the use of the Index as the underlying index for derivatives trading, as well as an efficient replication of the same.
- D) For a stock to be included in the IBEX 35®, its average capitalization in the index must be greater than 0.30% of the average index capitalization during the control period. For this reason, the average capitalization of the stock computable in the Index will be understood to be the arithmetic mean, adjusted by the correponding free float factor according to the free float band, resulting from multiplying the securities admitted for listing in each one of the trading sessions of the control period by the closing price of the security in each one of these sessions

When a security is first listed on the Spanish Stock Exchange Interconnection System which the Technical Advisory Committee thinks should be included in the Index, it may decide to include said security in the Index without having to wait for the necessary requirements to be met during the control period, with the attendant exclusion of another security for reasons of liquidity. If this is the case, a minimum requirement of a certain number of completed trading days shall be established, which will be at least one-third of those included in the control period, except if the company has an index computable capitalization among the top twenty in the IBEX 35®. The Technical Advisory Committee will in all events make the Index inclusion or exclusion decisions it deems appropriate with respect to any security, with consideration for special circumstances not set out in the above paragraphs, without prejudice to publication, where appropriate, of the relevant reports.

#### 3.1.2 Formula for the Calculation of the Index

The formula used in the calculation of the Index value is:

Ibex 35(t) = Ibex 35(t-1) × 
$$\sum_{i=1}^{35} Cap_i(t) / [\sum_{i=1}^{35} Cap_i(t-1) \pm J]$$

t = Moment when the Index is calculated.

i = Company included in the Index.

 $S_i = No.$  of computable shares of company i for calculating the value of the Index.

 $P_i$  = Price of the shares of the Company i included in the Index at moment (t).

 $Cap_i = Capitalization of the Company included in the Index, i.e. (S*P).$ 

 $\sum_{i=1}^{35}$  Cap<sub>i</sub> = Aggregate Capitalization of all Companies included in the Index.

J = Amount used to adjust the value of the Index due to capital increases, etc.

Coefficient J represents the capitalization adjustment required to assure Index continuity and is introduced in connection with certain financial transactions defined according to the Technical Regulations for the Composition and Calculation of the Index, section 3.1.3, as well as in ordinary, follow up and extraordinary redefinitions of the Index.

The function of the J component is to assure that the Index value is not altered by such financial transactions.

The value of the J adjustment component shall reflect the capitalization difference of the Index before and after the adjustment.

#### 3.1.2.1 Price

As a general reference, the price will be that at which the last transaction was completed on the Spanish Stock Exchange Interconnection System. Nonetheless:

- The closing price of the securities will be the price established in the Regulations for Trading on the Spanish Stock Exchange Interconnection System.

- Where a security is suspended from trading for whatever reason (takeover bid, etc.), the valid price to be taken for the calculation of the Index shall be the price at which the last transaction was made prior to the suspension of the security in question. Following the closing of the market, the closing price will be calculated in accordance with the above paragraph.

In addition, the Manager may, in exceptional circumstances, propose to the Technical Advisory Committee a solution different from those indicated above, if is considered appropriate, bearing in mind the characteristics of each case.

#### 3.1.2.2 Number of Shares

In general, the number of each company's shares taken for calculation of the Index value will depend on its free float.

This number will vary whenever financial transactions take place involving the securities in the Index, which presumes compliance with the contents of section 3.1.3. of these Technical Regulations. These adjustments to the index will be made on the basis of the number of shares the Manager objectively deems appropriate at the time. This number will always be made public and included in the Index announcements.

- A/ The free float shall be deemed complementary to block ownership capital. For purposes of calculating block ownership capital, and pursuant to the data which appear in the Registry of the CNMV, the following shall be taken into account:
  - direct shareholdings greater than or equal to 3% of the share capital and
  - direct shareholdings held by members of the Board of Directors independently from their amount.

The Technical Advisory Committee shall take the preceding data into account even when the owner appearing in the Registry is a Nominee, unless the latter informs the CNMV in the appropriate manner that these shareholdings, taken individually, amount to less than 3% of capital.

The Technical Advisory Committee shall also take into account:

- The relevant facts which have been officially notified to the CNMV before the end of the control period of every ordinary review, follow up review, or extraordinary review, as the case may be, and which affect the calculation of the free float on dates close to the application of the decisions of the Technical Advisory Committee.
- Any other circumstance in the composition of the shareholding registered at the CNMV, which has any influence over the efficient replication of the IBEX 35®, also taking into account, as the case might be, the indirect shareholdings declared.

B/ The number of each company's shares taken for calculation of the Index value shall be adjusted by a free float factor as shown in the following table:

Table showing the Free Float Factor to be applied according to the Free Float Band			
Free Float Band	Free Float Factor		
Less than or equal to 10%	10%		
Greater than 10% but less than or equal to 20%	20%		
Greater than 20% but less than or equal to 30%	40%		
Greater than 30% but less than or equal to 40%	60%		
Greater than 40% but less than or equal to 50%	80%		
Greater than 50%	100%		

Changes to each company's free float shall be updated as follows:

- at the ordinary reviews of the Technical Advisory Committee.

- at the follow up meetings, only if the new Free Float corresponding to the stock has changed in at least two tranches above or below the current factor at the moment of the review, according to the aforementioned table.

Without prejudice to the foregoing, and as a result of exceptional circumstances, in order to achieve an efficient replication of the IBEX 35®, the Committee may, at any time, change the free float factor of a stock, with prior notification being given as appropriate.

C/ Additionally, in order to obtain an efficient replication of the IBEX 35® Index, the Committee may use a number lesser than the number of the issued shares to calculate the value of the index, bearing in mind criteria such as a significant dispersion of trading on more than one market, liquidity or any other deemed appropriate and this shall be published sufficiently in advance.

#### 3.1.2.3 Value of the Index

The base value of the Index is 3,000 at the close of trading on 29 December 1989.

#### 3.1.3 Adjustments for transactions affecting the securities in the Index

The aim of the adjustments to the Index is to ensure, to the extent possible and in a simple manner, that the IBEX 35® Index reflects the performance of a portfolio composed of the same shares as make up the Index.

The adjustments to the Index, carried out by the Manager, are:

- calculated on their corresponding date depending on their nature,
- introduced once the market is closed and at the closing price of each security,
- effective as of the start of trading the next trading day,

so as to ensure that the value of the Index is not altered in any way.

Should a transaction take place with one or more securities in the Index that requires an adjustment not contemplated within these Technical Regulations, or should the adjustment described herein not completely fulfil the purpose of the Index, the Manager may propose to the Technical Advisory Committee that a new adjustment be made or any other action to fulfil the purpose of the Index.

From the standpoint of adjustments, financial transactions which affect the Index are:

# 3.1.3.1. Ordinary dividends and other types of shareholder remuneration similar to ordinary dividend payments.

Ordinary dividends and other types of shareholder remuneration similar to ordinary dividend payments shall not be adjusted in the index.

These are deemed to be the following:

- the beginning of a periodic and recurring payment,
- the change of a periodic and recurring dividend payment for another item of the same nature,
- the periodic and recurring charging of shareholder remuneration against equity accounts.

# 3.1.3.2 Capital increases

The Index will be adjusted whenever one of the companies included therein carries out a capital increase with preferential subscription rights. Such adjustments shall be effective from the day on which the shares begin to trade ex-subscription right on the Spanish Stock Exchange Interconnection System. On that date, and for purposes of the Index calculation, the number of shares in that company will be increased on the assumption that the increase is going to be totally subscribed and, simultaneously, the (J) adjustment described above in section 3.1.2 will be introduced.

Increases in company capital where, as a result of the kind of transaction involved, the General Shareholders' Meeting decides to eliminate preferential subscription rights shall be included in the Index at the time they are admitted to the Spanish Stock Exchange Interconnection System, and the (J) adjustment will be made for the amount of the capital increase.

If, as a result of capital increases made without preferential subscription rights, the new shares admitted account for less than 1% of the total number of company shares used to calculate the value of the Index, the adjustment shall be made every six months at the same time as the ordinary review of the Index composition.

Additionally, every six months, and at the same time as the ordinary review of the Index composition, an adjustment will be made for the differences between the number of shares included in the Index of companies which carried out capital increases during the control period and the number of shares actually subscribed in such capital increases.

#### 3.1.3.3 Reductions of capital and other equity accounts

The Index will be adjusted whenever any company included therein reduces its capital by cancelling shares. Such adjustments will be effective on the day the shares are excluded from the Spanish Stock Exchange Interconnection System. On such date, for purposes of Index calculation, the number of shares of the company will be reduced and, simultaneously, the (J) adjustment will be introduced for the amount of the reduction.

The Index will be adjusted whenever any company included therein reduces its share premium reserve or other equivalent equity accounts, with a distribution of the amount of the reduction to the shareholders, and said transaction is not similar to the payment of an ordinary dividend. Such adjustments will be effective on the day the amount distributed to the shareholders is discounted in the Spanish Stock Exchange Interconnection System. On such date, for purposes of Index calculation, the amount shall be discounted and, simultaneously, the (J) adjustment will be introduced for the amount of the reduction.

#### 3.1.3.4. Issue of Convertible or Exchangeable Financial Instruments

The Index is not adjusted as a consequence of the issue of financial instruments, which are convertible or exchangeable on the issue date. Nonetheless, every six months, coinciding with the ordinary review of the Index, those shares converted or exchanged by the holders of such instruments during the previous six months will be included.

Without effect to that stated above, if, as a result of an issue of convertible or exchangeable instruments or of a conversion into shares of an issue of these

characteristics, a substantial alteration in the listed price or number of issued shares should occur, the Manager may propose the corresponding adjustment in the price or number of shares to the Technical Advisory Committee before the following ordinary review of the Index takes place.

#### 3.1.3.5 Variation in the Par Value

The Index shall be adjusted whenever a company included therein reduces the par value of its shares and distributes the resulting amount to the shareholders, and said transaction is not similar to the payment of an ordinary dividend. Such adjustments will be effective on the day the amount distributed to the shareholders is discounted in the Spanish Stock Exchange Interconnection System. On such date, for purposes of Index calculation, the amount of the reduction will be discounted and, simultaneously, the (J) adjustment will be introduced for the amount of the reduction.

The Index shall be adjusted whenever a company included therein carries out a share split or a regrouping of shares by altering the par value of its shares. Such adjustments will be effective on the day the transaction is discounted in the Spanish Stock Exchange Interconnection System, applying, where appropriate, the relevant (J) adjustment.

#### 3.1.3.6 Mergers and Absorptions

In the event of mergers and absorptions in which the absorbing company is included in the Index and the absorbed company is not, the Index shall be adjusted considering the transaction, where applicable, as a capital increase according to section 3.1.3.2.

Where the absorbing company is not included in the Index and the absorbed company is, unless otherwise decided by the Technical Advisory Committee, the Index shall be adjusted on the date of the absorption by modifying the base described in section 3.1.2 to exclude the capitalization of the absorbed company and include the capitalization of the next most liquid security in the opinion of the Technical Advisory Committee.

Where both companies, the absorbing and the absorbed, are included in the IBEX 35, the Index shall be adjusted on the date of the absorption as described in section 3.1.2, by modifying the base described in 3.1.2 to exclude the capitalization of the absorbed company and include the next most liquid security in the opinion of the Technical Advisory Committee.

In those cases where the absorbing company trades significantly on more than one market, including the Spanish Stock Exchange Interconnection System, the capitalization of the merged company for purposes of its weighting in the IBEX 35 index shall be calculated:

a) At a first moment, by the relative value of the public offer over the total capitalization of the resulting company.

b) After a period of control, the Technical Advisory Committee may establish another criterion that guarantees sufficient efficiency in the replication of the IBEX 35 index.

Without prejudice to the foregoing, if as a result of a merger or absorption transaction involving companies of which one is part of the Index, the resulting company is quoted on the Spanish Stock Exchange Interconnection System and meets all requirements necessary for inclusion in the Index, the Manager may propose the company's inclusion therein to the Technical Advisory Committee.

# 3.1.3.7 Segregation of equity or spin-off of companies with shareholder remuneration

The Index shall be adjusted whenever a company included therein carries out a segregation of equity or spins off a company with shareholder remuneration. These adjustments shall be effective from the day on which the operation is discounted in the Spanish Stock Exchange Interconnection System. On that date, for purposes of calculating the Index, the amount of this operation will be discounted and, simultaneously, the (J) adjustment will be introduced for the amount of the reduction.

If, as a result of a segregation of equity or company spin-off, it is not possible to establish the impact on the share price in order to make the corresponding adjustment (J), the Index shall be adjusted on the date of the operation. This adjustment shall consist of the temporary exclusion of the aforementioned company from the Index. Once the first day of trading after a segregation of equity or company spin-off has concluded, the Technical Advisory Committee may, as appropiate, once again include the company at its closing price.

Without prejudice to the foregoing, if as a result of an equity segregation or company spin-off, the company no longer meets the necessary requirements for inclusion in the Index, the Manager may propose the company's exclusion to the Technical Advisory Committee.

# 3.1.3.8 Extraordinary dividends and other types of shareholder remuneration not similar to ordinary dividend payments.

Extraordinary dividends and other types of shareholder remuneration not similar to ordinary dividend payments shall be adjusted by the amount of the dividend or remuneration considered exceptional and non-periodic.

These adjustments shall be effective from the day on which the transaction is discounted in the Spanish Stock Exchange Interconnection System. On that date, for purposes of calculating the Index, the amount of this transaction will be discounted and, simultaneously, the (J) adjustment will be entered for the amount of the reduction.

#### 3.1.4 Complaints regarding the calculation of the Index

Any complaints regarding the calculation of the Index should be addressed in writing to the Technical Advisory Committee.

#### 3.1.5 Calculation of the Settlement Value of IBEX 35-indexed derivative contracts traded in Meff RV

The Settlement Price on Maturity of derivative contracts indexed to the IBEX 35 and traded in Meff RV shall be the arithmetic mean of the Index between 16: 15 and 16:44 on the Maturity Date, taking one value per minute. The Settlement Price on maturity shall be rounded off to one decimal point.

The value to be taken each minute for the calculation of the average will be the new value published immediately after the beginning of each minute according to the Sociedad de Bolsas, S.A. clock.

If during any of the minutes between 16:15 and 16:44, no new value is published for the Index, the value to be taken for such minute will be the last value published prior to the beginning of that minute.

The aforementioned arithmetic mean will be obtained by the formula:

$$r_{i} = \sum_{i=1}^{30} r_{i} / 30$$

I, = Value of the Settlement Index on maturity of the contracts

 $I_i$  = Value of the Index at each minute.

# Exceptions to the general rule

MEFF will establish in its rules the necessary exceptions to the above rule when during the period of calculation one or several stocks are suspended, enter into an auction or a technical failure comes up at SIBE.

#### 3.1.6 Calculation of reference prices of other products associated with the Index

Financial products associated with the Index shall, in the judgement of the Manager and pursuant to the relevant agreement, be linked to the Index by any of the following methods:

- closing prices, or the arithmetic mean of several closing prices
- opening prices, or the arithmetic mean of several opening prices
- the simple arithmetic mean of all Indexes generated during the session, or the arithmetic mean of several of them
- averages of specific Index references

- daily reference prices generated according to the algorithm described in 3.1.5
- any other reference considered appropriate by the Manager

according to the characteristics and outstanding volumes of the products.

#### 3.2. IBEX MEDIUM CAP ®

The IBEX MEDIUM CAP ® Index is composed of the 20 securities listed in the market segment of the Spanish Stock Exchange Interconnection System called Main Trading Market which, excluding the 35 securities which are components of the IBEX 35 ® Index, have the greatest free float adjusted capitalization and which meet the following requirements for liquidity within the control period:

- Annualized rotation on free float capital greater than 15%
- Percentage of free float capital greater than 15%

Rotation will be understood to mean the relationship between the trading volume in Euros in the order-driven market (market segment of the Stock Exchange Interconnection System called Main Trading Market), adjusted according to the criteria defined in section 3.1.1. of these rules, and the free float adjusted capitalization.

Free float capital will be understood to be that defined in section 3.1.2.2.A. of these rules.

The control period for the securities included in the Index shall be, for ordinary and follow up reviews, the six-month interval prior to the date of the review. With respect to extraordinary reviews, the control period shall be that decided by the Technical Advisory Committee at that time.

The regulations applicable to the IBEX MEDIUM CAP (18) Index in that related to the calculation formula, price, number of shares, base value of the Index, adjustments for financial transactions, claims on the calculation of the Index and calculation of the reference prices of other products associated with the Index are the same as those covered in these Technical Rules for the IBEX 35 (8).

#### 3.3. IBEX SMALL CAP ®

The IBEX SMALL CAP ® is composed of the 30 securities listed in the market segment of the Spanish Stock Exchange Interconnection System called Main Trading Market which, excluding the 35 securities which are components of the IBEX 35 ® Index and the 20 securities which are components of the IBEX MEDIUM CAP ® Index, have the greatest free float adjusted capitalization and which fulfill the same requirements for liquidity as the IBEX MEDIUM CAP ® within the control period.

The regulations applicable to the IBEX SMALL CAP (®) in that relating to the calculation formula, number of shares, base value of the Index, adjustments for

financial transactions, claims on the calculation of the Index and calculation of the reference prices for other products associated with the Index are the same as those covered in these Technical Rules for the IBEX 35 ®.

#### 3.4. IBEX TOP DIVIDENDO ®

The IBEX TOP DIVIDENDO ® index is a dividend yield weighted index.

It is composed of the 25 securities listed in the market segment of the Spanish Stock Exchange Interconnection System called Main Trading Market which, belonging to IBEX 35®, IBEX MEDIUM CAP® or IBEX SMALL CAP® indices after the review, offer the highest dividend yield during the control period.

The ordinary meetings must be held once a year, taking into consideration a control period defined as the the twelve-month interval prior to the date of the review. With respect to extraordinary reviews, the control period shall be that decided by the Technical Advisory Committee at that time.

For a stock to be included in the IBEX TOP DIVIDENDO® index, as a minimum requirement, it must have paid annual ordinary dividends and another types of shareholder remuneration similar to ordinary dividend payments, in at least the two years prior to the date of the review.

If during the interval between two reviews of IBEX TOP DIVIDENDO® index, one of its components is not a component of IBEX 35®, IBEX MEDIUM CAP® or IBEX SMALL CAP® indices anymore, the stock shall continue as a component of IBEX TOP DIVIDENDO® index, until the next annual review.

If, as a result of corporate events in the components of IBEX TOP DIVIDENDO® index, the stock should not meet anymore both requirements of free float capital and belonging to IBEX 35®, IBEX MEDIUM CAP® or IBEX SMALL CAP® indices, an adjustment to the IBEX TOP DIVIDENDO® index shall be introduced. This adjustment shall consist of the exclusion of the index of the aforementioned stock until the next annual review.

There is a maximum weighting of 10% allowed for each component in the index reviews.

The number of shares taking into account for the calculation of the index of each selected component is determined by the ordinary dividend yield and another types of shareholder remuneration similar to ordinary dividend payments, the free float capital and the belonging to an index, according to the following formula:

$$IBEX TD(t) = IBEX TD(t-1) \times \sum_{i=1}^{25} (S*Price)_i(t) / [\sum_{i=1}^{25} (S*Price)_i(t-1) \pm J]$$

- t = Moment when the index is calculated.
- $S_i$  = Number of computable shares for calculating the value of the index:

$$S_{i} = [W_{i}^{*}10^{6}]/Price_{i}$$

where  $W_{i}$ , corresponds to the adjusted dividend yield of the component i, used to weight the value of each component in the index, and calculated in every review of the index:

$$W_{i} = [(Div_{i} / Price_{i}) * S_{i} * F_{i}] / \sum_{i=1}^{25} [(Div_{i} / Price_{i}) * S_{i} * F_{i}]$$

 $\mathsf{Div}_{\mathsf{i}}$  are the ordinary dividend payments by the component  $\mathsf{i}$  in the last twelve months.

Factors  $\boldsymbol{S}_i \ y \ \boldsymbol{F}_i$  have a purpose of contribution to the efficient replication of the index.

 $S_i$  corresponds to the size adjustment factor, where  $S_i$  adopts the value of 1 if the component is belonging to IBEX 35® index; 0,75 if the component is belonging to IBEX MEDIUM CAP® index; y 0,5 if the component is belonging to IBEX SMALL CAP® index.

F<sub>i</sub> corresponds to the free float adjustment factor according to that defined in section 3.1.2.2.A of the present rules, and adopts the corresponding value according to the free float adjustment tables of the present rules.

The coefficient J value represents the adjustment capitalisation to ensure the continuity of the index, introduced when determined finantial operations occur.

IBEX TOP DIVIDENDO® index shall be adjusted as a consequence of those finantial operations that produce an alteration in the price of a component of the index, so that the index value is not altered in any way.

These adjustments shall be effective from the day on which the transaction is discounted in the Spanish Stock Exchange Interconnection System.

The base value of the index is 1,000 at the close of trading on 31 December 1999.

The regulations applicable to the IBEX TOP DIVIDENDO® in that relating to the price, claims on the calculation of the index and calculation of the reference prices of other products associated with the index are the same as those covered in these Technical Rules fro the IBEX 35®.

#### 3.5. IBEX 35® CAPPED (IBEX 35 ® Capped)

The IBEX 35® CAPPED Index is composed of the same securities and calculated based on the same criteria as the IBEX 35®, and the adjustments to the Index are the same as those for the IBEX 35®, furthermore the individual weight of the securities will be limited to 18% in this index.

These adjustments to the individual weights shall be effective the same day on which the Ordinary reviews are effective. In the case that any constituent's weight rises significantly between reviews, exceeding the 18% limit, the index manager may propouse the Committee to perform an adjustment to the index to reestablish the maximum weight to 18%.

The rules governing the IBEX 35® CAPPED Index as regards the calculation formula, price and complaints about the Index's calculation are the same as those laid down in these Technical Regulations for the IBEX 35®.

# 3.6. IBEX 35® CAPPED NET RETURN (IBEX 35 ® Capped Net Return)

The IBEX 35® CAPPED NET RETURN Index is composed of the same securities and calculated based on the same criteria as the IBEX 35® CAPPED, and the adjustments to the Index are the same as those for the IBEX 35® CAPPED, plus a technical adjustment to the Index for each payment of ordinary dividends or other remuneration to shareholders similar to the payment of ordinary dividends.

These adjustments shall be effective from the day on which the transaction is discounted in the Spanish Stock Exchange Interconnection System. On that date, for purposes of calculating the IBEX 35® CAPPED NET RETURN Index, the gross amount of the dividend or remuneration will be discounted and, simultaneously, the (J) adjustment will be entered for the amount of the reduction.

The rules governing the IBEX 35® CAPPED NET RETURN Index as regards the calculation formula, price, number of shares and complaints about the Index's calculation are the same as those laid down in these Technical Regulations for the IBEX 35®.

#### 3.7. IBEX 35® CON DIVIDENDOS (IBEX 35® Total Return)

The IBEX 35® CON DIVIDENDOS Index is composed of the same securities and calculated based on the same criteria as the IBEX 35®, and the adjustments to the Index are the same as those for the IBEX 35®, plus a technical adjustment to the Index for each payment of ordinary dividends or other remuneration to shareholders similar to the payment of ordinary dividends.

These adjustments shall be effective from the day on which the transaction is discounted in the Spanish Stock Exchange Interconnection System. On that date, for purposes of calculating the IBEX 35® CON DIVIDENDOS Index, the gross amount of the dividend or remuneration will be discounted and, simultaneously, the (J) adjustment will be entered for the amount of the reduction.

The rules governing the IBEX 35® CON DIVIDENDOS Index as regards the calculation formula, price, number of shares and complaints about the Index's calculation are the same as those laid down in these Technical Regulations for the IBEX 35®.

#### 3.8. IBEX 35® CON DIVIDENDOS NETOS (IBEX 35 ® Net Return)

The IBEX 35® CON DIVIDENDOS NETOS Index is composed of the same securities and calculated based on the same criteria as the IBEX 35®, and the adjustments to the Index are the same as those for the IBEX 35®, plus a technical adjustment to the Index for each payment of ordinary dividends or other remuneration to shareholders similar to the payment of ordinary dividends.

These adjustments shall be effective from the day on which the transaction is discounted in the Spanish Stock Exchange Interconnection System. On that date, for purposes of calculating the IBEX 35® CON DIVIDENDOS NETOS Index, the net amount of the dividend or remuneration will be discounted and, simultaneously, the (J) adjustment will be entered for the amount of the reduction.

The rules governing the IBEX 35® CON DIVIDENDOS NETOS Index as regards the calculation formula, price, number of shares and complaints about the Index's calculation are the same as those laid down in these Technical Regulations for the IBEX 35®.

#### 3.9. IBEX TOP DIVIDENDO RENTABILIDAD® (IBEX TOP DIVIDENDO® Total Return)

The IBEX TOP DIVIDENDO RENTABILIDAD® Index is composed of the same securities and calculated based on the same criteria as the IBEX TOP DIVIDENDO®, and the adjustments to the Index are the same as those for the IBEX TOP DIVIDENDO®, plus a technical adjustment to the Index for each payment of ordinary dividends or other remuneration to shareholders similar to the payment of ordinary dividends.

These adjustments shall be effective from the day on which the transaction is discounted in the Spanish Stock Exchange Interconnection System. On that date, for purposes of calculating the IBEX TOP DIVIDENDO RENTABILIDAD® Index, the gross amount of the dividend or remuneration will be discounted and, simultaneously, the (J) adjustment will be entered for the amount of the reduction.

The rules governing the IBEX TOP DIVIDENDO RENTABILIDAD® Index as regards the calculation formula, price, number of shares and complaints about the Index's calculation are the same as those laid down in these Technical Regulations for the IBEX TOP DIVIDENDO®.

#### 3.10. IBEX 35® INVERSO (IBEX 35 ® Short Index)

The IBEX 35® Short Index is composed of the same securities as the IBEX 35® index. Its calculation criteria tracks the inverse performance of IBEX 35® Total

Return through an inverse term. In addition, the formula also includes a risk-free fixed income investment component.

The formula used in the calculation of the Index value is:

 $IBEX SH(t) = IBEX SH(t-1) \times [1-[(IBEX TR(t)/IBEX TR(t-1))-1] +$  $+ 2 \times IBEX SH(t-1) \times (EONIA(t-1)/360) \times D(t,t-1)$  $- R \times IBEX SH(t-1) \times (REPO/360) \times D(t,t-1)$ 

#### IBEX SH = IBEX 35® SHORT

t = Moment when the Index is calculated.

IBEX TR = IBEX 35® TOTAL RETURN.

EONIA = (Euro OverNight Index Average)

REPO = Annual stock borrowing cost. The Index Manager will publish, if necessary, its level for the index calculation.

R = Real number, which can be either 0 or 1 and multiplies the REPO term. The Index Manager will publish its level for the index calculation.

D(t, t-1) = Number of days between moment t and t-1

The base value of the index is 10,000 at the close of trading on 30 December 2003.

#### 3.9. IBEX 35® DOBLE INVERSO (IBEX 35® Double Short Index)

The IBEX 35® Double Short Index is composed of the same securities as the IBEX 35® index. Its calculation criteria tracks the double inverse performance of IBEX 35® Total Return through an inverse term. In addition, the formula also includes a risk-free fixed income investment component.

The formula used in the calculation of the Index value is:

IBEX DSH(t) = IBEX DSH(t-1) × [1- 2 x [(IBEX TR(t)/IBEX TR(t-1))-1] + + 3 × IBEX DSH(t-1) × (EONIA(t-1)/360) × D(t,t-1) - 2 × IBEX DSH(t-1) × (REPO/360) × D(t,t-1)

IBEX DSH = IBEX 35® DOBLE SHORT

t = Moment when the Index is calculated.

IBEX CD = IBEX 35® CON DIVIDENDOS.

EONIA = (Euro OverNight Index Average)

REPO = Annual stock borrowing cost. The Index Manager will publish, if necessary, its level for the index calculation.

R = Real number, which can be either 0 or 1 and multiplies the REPO term. The Index Manager will publish its level for the index calculation.

D(t, t-1) =Number of days between moment t and t-1

The base value of the index is 15,000 at the close of trading on 30 December 2003.

#### 3.10. IBEX 35® TRIPLE INVERSO (IBEX 35® Triple Short Index)

The IBEX 35® Triple Short Index is composed of the same securities as the IBEX 35® index. Its calculation criteria tracks the triple inverse performance of IBEX 35® Total Return through an inverse term. In addition, the formula also includes a risk-free fixed income investment component.

The formula used in the calculation of the Index value is:

```
IBEX TSH(t) = IBEX TSH(t-1) × [1-3 × [(IBEX TR(t)/IBEX TR(t-1))-1] +
+ 4 × IBEX TSH(t-1) × (EONIA(t-1)/360) ×D(t,t-1)
- 3 × IBEX TSH(t-1) × (REPO/360) ×D(t,t-1)
```

IBEX TSH = IBEX 35® TRIPLE SHORT

- t = Moment when the Index is calculated.
- IBEX TR = IBEX 35® TOTAL RETURN.
- EONIA = (Euro OverNight Index Average)

REPO = Annual stock borrowing cost. The Index Manager will publish, if necessary, its level for the index calculation.

R = Real number, which can be either 0 or 1 and multiplies the REPO term. The Index Manager will publish its level for the index calculation.

D(t, t-1) = Number of days between moment t and t-1

The base value of the index is 15,000 at the close of trading on 30 December 2003.

#### 3.11. IBEX 35® DOBLE APALANCADO (IBEX 35 ® Double Leverage Index)

The IBEX 35® Double Leverage Index is composed of the same securities as the IBEX 35® index. Its calculation criteria tracks the double performance of IBEX 35®. The formula also includes a financing term to achieve the leverage needed.

The formula used in the calculation of the Index value is:

IBEX DLV(t) = IBEX DLV(t-1) × [1 + 2 × [(IBEX (t)/IBEX (t-1))-1] -- 1 × IBEX DLV(t-1) × (EONIA(t-1)/360) × D(t,t-1) - 1 × IBEX DLV(t-1) × (SPREAD/360) × D(t,t-1)

#### IBEX DLV = IBEX 35® DOUBLE LEVERAGE

- t = Moment when the Index is calculated.
- IBEX = IBEX 35®
- EONIA = (Euro OverNight Index Average)

SPREAD = Aditional financing cost over EONIA. The Index Manager will publish its level for the index calculation.

D(t, t-1) = Number of days between moment t and t-1

The base value of the index is 10,000 at the close of trading on 30 December 2003.

#### 3.12. IBEX 35® DOBLE APALANCADO BRUTO (IBEX 35 ® Double Leverage Gross Index)

The IBEX 35® Double Leverage gross Index is composed of the same securities as the IBEX 35® Total Return index. Its calculation criteria tracks the double performance of IBEX 35® Total Return. The formula also includes a financing term to achieve the leverage needed.

The formula used in the calculation of the Index value is:

```
IBEX DLVG(t) = IBEX DLVG(t-1) × [1 + 2 x [(IBEX TR (t)/IBEX TR (t-1))-1] -
- 1 × IBEX DLVG(t-1) × (EONIA(t-1)/360) ×D(t,t-1)
- 1 × IBEX DLVG(t-1) × (SPREAD/360) ×D(t,t-1)
```

#### IBEX DLVG = IBEX 35® DOBLE LEVERAGE GROSS

t = Moment when the Index is calculated.

IBEX TR = IBEX 35® TOTAL RETURN

EONIA = (Euro OverNight Index Average)

SPREAD = Aditional financing cost over EONIA. The Index Manager will publish its level for the index calculation.

D(t, t-1) = Number of days between moment t and t-1

The base value of the index is 10,000 at the close of trading on 30 December 2003.

#### 3.13. IBEX 35® DOBLE APALANCADO NETO (IBEX 35® Double Leverage Net Index)

The IBEX 35® Double Leverage Net Index is composed of the same securities as the IBEX 35® Total Return Net. Its calculation criteria tracks the double performance of IBEX 35® Total Return. The formula also includes a financing term to achieve the leverage needed.

The formula used in the calculation of the Index value is:

```
IBEX DLVN(t) = IBEX DLVN(t-1) × [1 + 2 × [(IBEX NR (t)/IBEX NR (t-1))-1] -
- 1 × IBEX DLVN(t-1) × (EONIA(t-1)/360) ×D(t,t-1)
- 1 × IBEX DLVN(t-1) × (SPREAD/360) ×D(t,t-1)
```

IBEX DLVN = IBEX 35® DOUBLE LEVERAGE NET

- t = Moment when the Index is calculated.
- IBEX NR = IBEX 35® NET RETURN
- EONIA = (Euro OverNight Index Average)

SPREAD = Aditional financing cost over EONIA. The Index Manager will publish its level for the index calculation.

D(t, t-1) = Number of days between moment t and t-1

The base value of the index is 10,000 at the close of trading on 30 December 2003.

#### 3.14. IBEX 35® TRIPLE APALANCADO (IBEX 35® Triple Leverage Index)

The IBEX 35® Triple Leverage Index is composed of the same securities as the IBEX 35® index. Its calculation criteria tracks the triple performance of IBEX 35®. The formula also includes a financing term to achieve the leverage needed.

The formula used in the calculation of the Index value is:

IBEX TLV(t) = IBEX TLV(t-1) × [1 + 3 × [(IBEX (t)/IBEX (t-1))-1] -- 2 × IBEX TLV(t-1) × (EONIA(t-1)/360) ×D(t,t-1) - 2 × IBEX TLV(t-1) × (SPREAD/360) ×D(t,t-1)

IBEX TLV = IBEX 35® TRIPLE LEVERAGE

t = Moment when the Index is calculated.

IBEX = IBEX 35®

EONIA = (Euro OverNight Index Average)

SPREAD = Aditional financing cost over EONIA. The Index Manager will publish its level for the index calculation.

D(t, t-1) = Number of days between moment t and t-1

The base value of the index is 10,000 at the close of trading on 30 December 2003.

#### 3.15. IBEX 35® DE COMPRA (Bid) / IBEX 35® DE VENTA (Ask) INDEXES

The IBEX 35® DE COMPRA and IBEX 35® DE VENTA Indexes are composed of the same securities and calculated based on the same criteria as the IBEX 35®, and the prices used to calculate these Indexes are the price of the best bid proposal for calculating the IBEX 35® DE COMPRA Index and the price of the best ask proposal for calculating the IBEX 35® DE VENTA Index.

The rules governing the IBEX 35® DE COMPRA and the IBEX 35® DE VENTA Indexes as regards the calculation formula, price, number of shares and complaints about the Index's calculation are the same as those laid down in these Technical Regulations for the IBEX 35®.

#### 3.16. IBEX 35® DIV IMPACT

The IBEX 35® DIV IMPACT is an index which reflects the accumulated amount of the dividends, in index points, paid by the constituent companies of the IBEX 35® index during a specified period.

This specified period goes from the third Friday of December of the previous year, excluded, until the third Friday of December of the year on course, included.

The dividends taken into account for the calculation are the gross ordinary dividends, which will be those considered by the index Manager according to section 3.1.3.1 of the Technical Regulations.

The IBEX 35® DIV IMPACT is calculated on an end-of-day basis. In the cases where no dividend is paid during the session the index will have the same value as the one from the last session. The last day of the specified period the index will reach its maximum value, going back to zero on the next session.

The value of the daily dividends is calculated as the summation of the gross dividend paid during the session multiplied by the number of shares of the stock in the index, divided by the divisor of the IBEX 35® for that session.

 $VDiv(t) = \sum_{i=1}^{35} (GrossDiv_i * StockShares_i) / Divisor IBEX35(t)$ 

t = Moment when the Index is calculated.

VDiv(t) = ammount, in index points, of the dividends paid on day t

GrossDiv<sub>i</sub> = Gross dividend, in Euros, paid by company i

StockShares<sub>i</sub> = Number of shares taken into account for the IBEX 35 calculation of stock i

Divisor (†) = Base Capitalization (†)/Base index (†)

The index is the summation of the daily dividends paid during the specified period

IBEX 35 DIV IMPACT =  $\sum_{n=1}^{n}$  VDiv

#### 4. INFORMATION ABOUT THE INDEXES

Sociedad de Bolsas, S.A., as Manager, shall publish information on the Indexes through the channels it establishes for such purpose.

The information regarding the Indexes shall include the publication of announcements on the same as well as the real-time data information included by Sociedad de Bolsas, S.A. in its vendor-feed data flow available to professional information distributors.

The Indexes announcements shall include the principal data on the Indexes at closing, adjustments, if appropriate, relevant events which will affect the Indexes

during, at least, the next five stock market sessions, and all relevant official announcements pertaining to ordinary and extraordinary reviews.

Irrespective of the channels established by the Sociedad de Bolsas, S.A., the Indexes announcements shall be made public through:

- the four Governing Bodies of the Spanish Stock Exchanges, in their respective Official Quotation Bulletins.
- MEFF RENTA VARIABLE using the channels it deems appropriate for such purpose.

Sociedad de Bolsas, S.A. shall issue the appropriate certificates on relevant prices of the Indexes at the request of parties to contracts that use such prices.

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