List of Positions Recommended to the IEEE Board of Directors by the IEEE N&A For 2013 Positions

Click on Committee name to view 2012 Roster

IEEE Standing Committees

- 1. Audit: Chair, Members (2) (first year BoD member), One or more immediate past members as a consultant (optional), Alternates
- 2. Awards Board: Chair, Vice Chair, Members-at-Large (4), Alternates
- 3. Employee Benefits & Compensation: Chair, Members-at-Large (3) one (1) a current Board member, Alternates
- 4. Ethics & Member Conduct Committee: Chair, Members (8 including one GOLD), Alternates
- 5. Fellow: Chair, Members (51), Alternates (minimum of 6)
- 6. Governance: Members (up to 6), Alternates
- 7. History: Chair, Members (up to 14 including one GOLD), Alternates
- 8. Nominations & Appointments: Chair (Past Past President), Members (3), Alternates
- 9. Public Visibility Committee: Chair, Members (11), Alternates
- 10.Strategic Planning: Chair, Members (4 which must be IEEE Board members and one of which is the President-Elect), Alternates

(Note: appointment of 2012 IEEE Strategic Planning Committee on hold per IEEE Board of Directors)

11. Tellers: Chair, Vice Chair, Members (up to 8, including one GOLD)

Officers

- President-Elect
- Secretary
- Treasurer
- Vice President, Educational Activities
- Vice President, Publications Services & Products

2012 IEEE Audit Committee

| Last Name | First Name | Middle Initial | Viddle Initial Position Description P | | Position End Date | Eligible for Reappointment |
|-----------|------------|----------------|---------------------------------------|----------------------------------|--|------------------------------------|
| Perkins | Edward | G | Chair Member | 1/1/2012 1/1/2011 | 12/31/2012 12/31/2012 | No Member, Chair Yes Consultant |
| Brown | Keith | w | Member | 1/1/2012 | 12/31/2013 | Yes |
| Clout | Peter | N | Member | 1/1/2011 | 12/31/2012 | No Member Yes Consultant |
| Jefferies | James | A | Member | 1/1/2012 | 12/31/2013 | Yes |
| Jensen | Ronald | G | Non Voting Member | 1/1/2008 | 12/31/2012 | No |
| Robinson | Sandra | L | Non Voting Member | 1/1/2012 1/1/2011 1/1/2010 | 12/31/2012 12/31/2011 12/31/2010 | No |
| Tejera M | Enrique | A | Non Voting Member | 1/1/2012 1/1/2010 | 12/31/2012 12/31/2011 | No |

Director-Elects eligible to serve on IEEE Audit Committee (i.e., will be in first year of a two-year term on Board of Directors

| Last Name | First Name | Middle Initial | Officers Position Description |
|------------|------------|----------------|----------------------------------|
| Andrews | Michael | R. | Director, Region 6 |
| Bartleson | Karen | | President, Standards Association |
| Bastiaans | Martin | J. | Director, Region 8 |
| Famouri | Parvis | | Director, Region 2 |
| Fujii | Roger | U. | Director, Division VIII |
| Fukuda | Toshio | | Director, Region 10 |
| Hudgins | Jerry | L. | Director, Division II |
| Modelski | Jozef | | Director, Division IV |
| Pedersen | Karen | S. | Director, Region 4 |
| Wilamowski | Dan | | Director, Division VI |
| Yurkovich | Stephen | | Director, Division X |

| Second-Year Directors eligible to serve if there are insufficient, qualified candidates from first-year Directors | | | | | | | | | |
|---|----------------|----------------|-------------------------------|-----------------------------------|--|--|--|--|--|
| Last Name | First Name | Middle Initial | Officers Position Description | | | | | | |
| Brown | Keith | В. | Director, Region 7 | already on committee through 2013 | | | | | |
| Claeys | Cor | L. | Director, Division I | | | | | | |
| Eckstein | Peter | Alan | Director, Region 1 | | | | | | |
| Giannattasio | Gustavo | Α. | Director, Region 9 | | | | | | |
| Green | David | G. | Director, Region 3 | | | | | | |
| Jefferies | James | Α. | Director, Region 5 | already on committee through 2013 | | | | | |
| Moore | James | W. | Director, Division V | | | | | | |
| Moura | Jose | F. | Director, Division IV | | | | | | |
| Warren | Cheryl (Cheri) | Α. | Director, Division VII | | | | | | |
| Zuckerman | Douglas | N. | Director, Division III | | | | | | |

| | | | 2012 IE | EE Awar | ds Board | | |
|--------------|------------|-------------------|-------------------------------|-------------|----------------------------------|--|--------------------|
| Last Name | First Name | Middle Initial | Position Description | Region Code | Position Start Date | Position End Date | Reappointment |
| Wooley | Bruce | А | Chair Vice-Chair Member | R6 | 1/1/2011 1/1/2010 1/1/2009 | 12/31/2012 12/31/2010 12/31/2009 | Reached Term Limit |
| Weinstein | Stephen | В. | Vice Chair Member | R1 | 1/1/2011 1/1/2009 | 12/31/2012 12/31/2010 | Reached Term Limit |
| Cheung | Paul Y | S | Past Chair | R0 | 1/1/2009 | 12/31/2012 | Reached Term Limit |
| Baker | Duncan | С | Member-at-Large | R8 | 1/1/2011 | 12/31/2012 | Yes |
| Conner | David | A | Member | R3 | 1/1/2012 | 12/31/2012 | Yes |
| Darringer | John | А | Member | R1 | 11/1/2009 | 12/31/2012 | Reached Term Limit |
| Forney | G David | | Member | R1 | 1/1/2011 | 12/31/2012 | Yes |
| Giannattasio | Gustavo | А | Member | R9 | 1/1/2012 | 12/31/2012 | Yes |
| Hero | Alfred | 0 | Member-at-Large | R4 | 1/1/2010 | 12/31/2012 | Reached Term Limit |
| Jaron | Dov | | Member | R2 | 1/1/2010 | 12/31/2012 | Yes |
| Modelski | Jozef | W | Member-at-Large | R8 | 1/1/2012 | 12/31/2012 | Yes |
| Moura | Jose | MF | Member | R2 | 1/1/2012 | 12/31/2012 | Yes |
| Pedersen | Karen | S | Member-at-Large | R4 | 1/1/2011 | 12/31/2012 | Yes |
| Ramesh | Sundaram | к | Member | R6 | 1/1/2011 | 12/31/2012 | Yes |
| Randall | Mary | Ellen | Member | R3 | 1/1/2010 | 12/31/2012 | Reached Term Limit |
| Stern | Arthur | Р | Member | R6 | 1/1/2011 | 12/31/2012 | Yes |
| Ferman | Lewis | М | Member | R1 | 1/1/2011 | 12/31/2012 | Yes |
| Volfman | Н | L | Member | R4 | 1/1/2012 | 12/31/2012 | Yes |
| Wright | Forrest | D | Member | R3 | 1/1/2012 | 12/31/2012 | Yes |

| | 2012 IEEE Employee Benefits and Compensations Committee | | | | | | | | | | | |
|-------------|---|-------------------|-------------------------|----------------|-----------------------|--------------------------|-----------------------------|--|--|--|--|--|
| Last Name | First Name | Middle Initial | Position Description | Region Code | Position Start Date | Position End Date | Eligible for Reappointment? | | | | | |
| Alvarez | Enrique | E | Chair Member | R9 | 8/22/2010 1/1/2009 | 12/31/2012 12/31/2012 | No | | | | | |
| Clout | Peter | N | Member | R6 | 1/1/2012 | 12/31/2013 | Yes | | | | | |
| Kerchberger | Steven | W | Member | R4 | 5/16/2011 | 12/31/2013 | Yes | | | | | |
| Malik | 0 | Р | Member | R7 | 1/1/2011 | 12/31/2012 | Yes | | | | | |
| Williams | Michael | R | Member | R7 | 1/1/2011 | 12/31/2012 | Yes | | | | | |
| Zuckerman | Douglas | N | Member | R1 | 1/1/2012 | 12/31/2013 | Yes | | | | | |

| | 2012 IEEE Ethics and Member Conduct Committee | | | | | | | | | | |
|---------------|---|---|------------------------------------|-----|----------------------|--------------------------|-----------------------------|--|--|--|--|
| Last Name | t Name First Name | | ddle itial Position Description | | Position Start Date | Position End Date | Eligible for Reappointment? | | | | |
| Andrews | Clinton | J | Chair Member | IR1 | 1/1/2012 1/1/2010 | 12/31/2012 12/31/2011 | Yes Chair | | | | |
| Akgul | Tayfun | | Member | R8 | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Anesta | Emily | Ρ | Member | R1 | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Kalasky | Joseph | A | Member | R2 | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Kuruoglu | Ercan | | Member | R8 | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Loui | Michael | С | Member | R4 | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Rotz | Alan | С | Member | R2 | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Veeraraghavan | Sampathkumar | | Member (GOLD) | R0 | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Yoffa | Ellen | J | Member | R1 | 1/1/2012 | 12/31/2012 | Yes | | | | |

| 2012 IEEE Fellow Committee | | | | | | | | | | | |
|----------------------------|------------|----------------|----------------|----------------------|----------------------|--------------------------|--------------------|--|--|--|--|
| Last Name | First Name | Middle Initial | Region Code | Position Description | Position Start Date | Position End Date | Reappointment | | | | |
| Cheung | Nim | к | R0 | Chair Member | 1/1/2012 1/1/2008 | 12/31/2012 12/31/2011 | Reached Term Limit | | | | |
| Aboytes | Florencio | | R9 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Bhanu | Bir | | R6 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | | |
| Bonissone | Piero | Р | R1 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Canavero | Flavio | G | R8 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Capolino | G A | Р | R8 | Member | 1/1/2009 | 12/31/2012 | Reached Term Limit | | | | |
| Cases | Moises | | R5 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Conner | David | A | R3 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Conte | Thomas | М | R3 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Costello | D | J | R4 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Cullum | Jane | к | R2 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | | |
| Donati | S | | R8 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Dukes | Stephen | D | R6 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | | |
| Emery | William | J | R5 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Fettweis | Gerhard | | R8 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | | |
| Filev | Dimitar | Р | R4 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Fukuda | Toshio | | R0 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Golio | J Michael | | R6 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Haccoun | David | | R7 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Hsing | То | R | R1 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Ikeuchi | Katsushi | | R0 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | | |
| Iwai | Hiroshi | | R0 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| lyer | S | s | R1 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Jaeger | Richard | с | R3 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | | |

| 2012 IEEE Fellow Committee | | | | | | | | | | |
|----------------------------|-------------|----------------|----------------|----------------------|----------------------|--------------------------|--------------------|--|--|--|
| Last Name | First Name | Middle Initial | Region Code | Position Description | Position Start Date | Position End Date | Reappointment | | | |
| Jardini | Jose | A | R9 | Member | 1/1/2011 | 12/31/2012 | Yes | | | |
| Lee | C.S. George | | R4 | Member | 1/1/2009 6/4/2012 | 12/31/2011 12/31/2012 | Reached Term Limit | | | |
| Lewin | Peter | А | R2 | Member | 1/1/2009 | 12/31/2012 | Reached Term Limit | | | |
| Moon | Wooil | М | R7 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Nikolich | Paul | | R1 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Ogorzalek | Maciej | J | R8 | Member | 1/1/2011 | 12/31/2012 | Yes | | | |
| Ohnishi | Kouhei | | R0 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Papamichalis | Р | E | R5 | Member | 1/1/2011 | 12/31/2012 | Yes | | | |
| Plant | David | V | R7 | Member | 3/27/2012 | 12/31/2012 | Yes | | | |
| Reibman | Amy | R | R1 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Roa | Laura | М | R8 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | |
| Samad | Tariq | | R4 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | |
| Simaan | Marwan | | R3 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | |
| Singh | Chanan | | R5 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | |
| Song | Yonghua | | R0 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | |
| Srinivas | Nagu | N | R4 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Tempo | Roberto | | R8 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Trajkovic | Ljiljana | | R7 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | |
| Valla | Maria | 1 | R9 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Venkata | S | s | R6 | Member | 1/1/2011 | 12/31/2012 | Yes | | | |
| Volakis | John | L | R2 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | |
| Wang | Feiyue | | R0 | Member | 1/1/2012 | 12/31/2012 | Yes | | | |
| Wang | Jun | | R0 | Member | 1/1/2011 | 12/31/2012 | Yes | | | |
| Wen | Changyun | | R0 | Member | 1/1/2011 | 12/31/2012 | Yes | | | |

| | 2012 IEEE Fellow Committee | | | | | | | | | | |
|-----------|----------------------------|---|----------------|----------------------|---------------------|-------------------|--------------------|--|--|--|--|
| Last Name | | | Region Code | Position Description | Position Start Date | Position End Date | Reappointment | | | | |
| Wu | Jingshown | | R0 | Member | 1/1/2011 | 12/31/2012 | Yes | | | | |
| Wyndrum | Ralph | W | R1 | Member | 1/1/2010 | 12/31/2012 | Reached Term Limit | | | | |
| Yen | Gary | | R5 | Member | 1/1/2012 | 12/31/2012 | Yes | | | | |
| Zhao | Bin | | R6 | Chair Member | 1/1/2012 | 12/31/2012 | Yes | | | | |

| 2012 IEEE Governance Committee | | | | | | | | | | |
|--------------------------------|--|---|-----------------------------|----|----------------------|--------------------------|-----|--|--|--|
| Last Name | First NameMiddle InitialPosition DescriptionRegion CodePosition Start DatePosition End Date | | Eligible for Reappointment? | | | | | | | |
| Desmond | Celia | L | Chair | R7 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Green | David | G | Member Chair | R3 | 1/1/2011 1/1/2010 | 12/31/2012 12/31/2010 | No | | | |
| Herz | Eric | | Member | R1 | 2/18/2007 | 12/31/2012 | No | | | |
| Hudson | Donna | L | Member | R6 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Lillie | Joseph | v | Member | R5 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Morley | Lloyd | A | Member | R3 | 1/1/2011 | 12/31/2012 | Yes | | | |
| Walsh | William | Р | Member | R3 | 1/1/2012 | 12/31/2012 | Yes | | | |

| 2012 IEEE History Committee | | | | | | | | | | |
|-----------------------------|------------|----------------|----------------------|-------------|------------------------|--------------------------|-----------------------------|--|--|--|
| Last Name | First Name | Middle Initial | Position Description | Region Code | Position Start Date | Position End Date | Eligible for Reappointment? | | | |
| Feisel | Lyle | D | Chair Member | R2 | 1/1/2012 1/1/2010 | 12/31/2012 12/31/2011 | Yes | | | |
| Baal-Schem | Jacob | | Member | R8 | 1/1/2008 | 12/31/2012 | No | | | |
| Coopersmith | Jonathan | с | Member | R5 | 1/1/2008 | 12/31/2012 | No | | | |
| Davies | Anthony | с | Member | R8 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Engelson | Irving | | Member | R1 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Johnson | Don | н | Member | R5 | 1/1/2010 | 12/31/2012 | No | | | |
| Johnston | Elizabeth | Т | Member (GOLD) | R6 | 1/1/2011 | 12/31/2012 | Yes | | | |
| Kawamoto | Hirohisa | | Member | R0 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Michelson | David | G | Member | R7 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Miguez | Juan | С | Member | R9 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Misa | Thomas J | | Member | R4 | 1/1/2008 | 12/31/2012 | No | | | |
| Perez Yuste | Antonio | | Member | R8 | 1/1/2011 | 12/31/2012 | Yes | | | |
| Schwartz | Mischa | | Member | R1 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Shirakawa | Isao | | Member | R0 | 1/1/2012 | 12/31/2012 | Yes | | | |

| | 2012 IEEE Nominations and Appointments Committee | | | | | | | | | | |
|--------------|--|----------------|---|-------------|----------------------------------|--|--|--|--|--|--|
| Last Name | First Name | Middle Initial | Position Description | Region Code | Start Date | End Date | | | | | |
| Ray | Pedro | | Chair Member (Chair-Elect) | R9 | 1/1/2012 1/1/2011 | 12/31/2012 12/31/2011 | | | | | |
| Kam | Moshe | | Member (Chair-Elect) | R2 | 1/1/2012 | 12/31/2012 | | | | | |
| Vig | John | R. | Past-Chair Chair Member (Chair-Elect) | R1 | 1/1/2012 1/1/2011 1/1/2010 | 12/31/2012 12/31/2011 12/31/2010 | | | | | |
| Baum | Eleanor | | Member, EAB | R1 | 1/1/2008 | 12/31/2012 | | | | | |
| Cheung | Paul | | Member, Awards | R0 | 1/1/2009 | 12/31/2012 | | | | | |
| Hebner | Robert | | Member, TAB | R5 | 1/1/2012 | 12/31/2012 | | | | | |
| Heirman | Donald | N | Member, IEEE SA | R1 | 1/1/2011 | 12/31/2012 | | | | | |
| Herrera | Salomon | | Member-at-Large (GOLD) | R9 | 1/1/2012 | 12/31/2013 | | | | | |
| Hirt | Evelyn | | Member, IEEE USA | R6 | 1/1/2012 | 12/31/2012 | | | | | |
| Lillie | Joseph | V | Member-at-Large | R5 | 1/1/2012 | 12/31/2013 | | | | | |
| Martinez | Francisco | R | Member-at-Large | R9 | 1/1/2011 | 12/31/2012 | | | | | |
| Molina Gaudo | Pilar | | Member-at-Large | R8 | 1/1/2012 | 12/31/2013 | | | | | |
| Park | Yong Jin | | Member-at-Large | R0 | 1/1/2011 | 12/31/2012 | | | | | |
| Ratcliff | William | В | Member-at-Large | R3 | 2/22/2011 | 12/31/2012 | | | | | |
| Rokne | Jon | | Member, PSPB | R7 | 1/1/2011 | 12/31/2012 | | | | | |
| Shoop | Barry | L | Member, MGA | R1 | 1/1/2011 | 12/31/2012 | | | | | |

| 2012 IEEE Public Visibility Committee | | | | | | | | | | |
|---------------------------------------|------------|----------------|----------------------|----------------|------------------------|--------------------------|-------------------------|--|--|--|
| Last Name | First Name | Middle Initial | Position Description | Region Code | Position Start Date | Position End Date | Reappointment | | | |
| Adams | w | с | Chair Member | R1 | 1/1/2011 1/1/2011 | 12/31/2012 12/31/2012 | Yes Member | | | |
| Andrews | Michael | R | Member | R6 | 1/1/2011 | 12/31/2013 | | | | |
| Ferreira | lgor | М | Member | R9 | 1/1/2011 | 12/31/2012 | Yes | | | |
| Kaissi | Salima | | Member | R8 | 1/1/2012 | 12/31/2013 | | | | |
| Madhavan | Guruprasad | | Member | R2 | 1/1/2012 | 12/31/2013 | | | | |
| Monica | Diogo | | Member | R8 | 1/1/2012 | 12/31/2013 | | | | |
| Panetta | Karen | A | Member | R1 | 1/1/2011 | 12/31/2012 | Yes | | | |
| Park | Yong Jin | | Member | R0 | 1/1/2011 | 12/31/2012 | No/N&A Committee Member | | | |
| Piuri | Vincenzo | | Member | R8 | 1/1/2012 | 12/31/2013 | | | | |
| Robinson | Abby | V | Member | R3 | 1/1/2011 | 12/31/2012 | Yes | | | |
| Schreier-Fleming | Maura | | Member | R5 | 1/1/2012 | 12/31/2013 | | | | |
| Stogner | Clarence | L | Member | R4 | 1/1/2012 | 12/31/2012 | Yes | | | |

| 2012 IEEE Tellers Committee | | | | | | | | | | |
|-----------------------------|------------|----------------|--------------------------------|-------------|------------------------------------|--|-----------------------------|--|--|--|
| Last Name | First Name | Middle Initial | Position Description | Region Code | Position Start Date | Position End Date | Eligible for Reappointment? | | | |
| Loupee | Burton | J | Chair Vice-Chair | R4 | 2/14/2010 6/24/2009 | 12/31/2012 12/31/2009 | No | | | |
| Wilson | М | F | Vice-Chair Member | R4 | 1/1/2012 1/1/2011 | 12/31/2012 12/31/2011 | Yes | | | |
| Fliginger | Shana | E | Member | R4 | 6/24/2009 | 12/31/2012 | No | | | |
| Gorder | William | н | Member | R4 | 1/1/2012 | 12/31/2012 | Yes | | | |
| Hendrickson | David | н | Member | R4 | 6/24/2009 | 12/31/2012 | No | | | |
| Iverson | Kyle | J | Member | R4 | 2/14/2010 | 12/31/2012 | No | | | |
| Kaminski | Jeffrey | М | Member | R4 | 1/1/2011 | 12/31/2012 | Yes | | | |
| Kerchberger | Steven | w | Member | R4 | 1/1/2009 | 12/31/2012 | No | | | |
| Lord | Jonathan | D | Member | R4 | 6/24/2009 | 12/31/2012 | No | | | |
| Moon | Jon | к | Member Vice Chair Member | R4 | 1/1/2012 2/14/2010 6/24/2009 | 12/31/2012 12/31/2011 12/31/2009 | No | | | |