



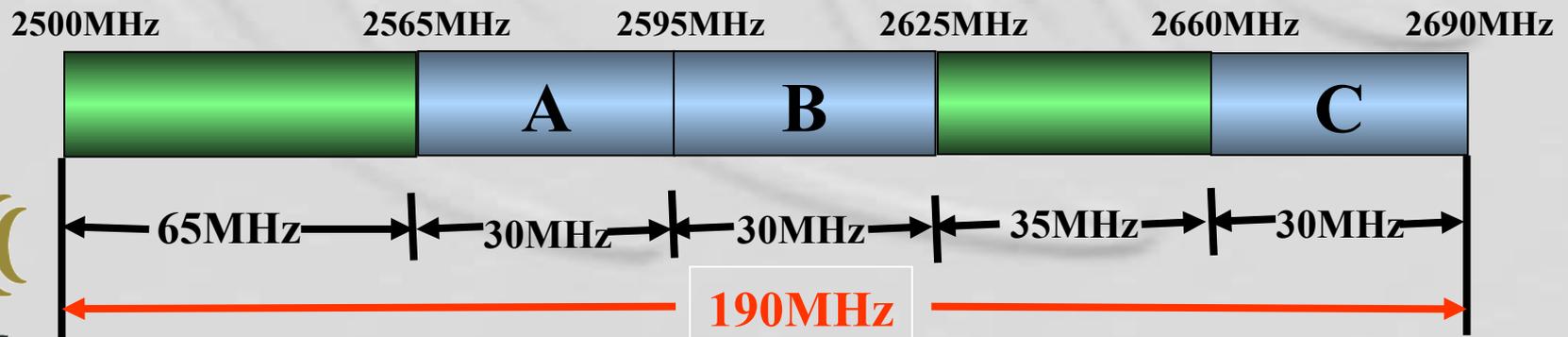
Wireless Broadband Access (WBA) ***Regulatory Policy and Mechanism***

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Commissioner
National Communications Commission
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Spectrum Allocation

- ◆ **2.5GHz to 2.69GHz release for mobile BWA**
- ◆ **Two-phase license issuance**
- ◆ **Phase one release 90MHz**
- ◆ **Phase two release 100MHz**
- ◆ **2.5GHz to 2.69GHz was already at Mar. 07'**
- ◆ **3.4GHz to 3.487GHz release for fixed BWA**
 - ⇒ **Release for fixed network operators**



Two-phase License Issuance

◆ Phase One : Regional Licenses

- ⇒ Around July of 2007
- ⇒ licenses will be valid for a period of six years & Can be renewed only once
- ⇒ licenses may be merged and converted to a nationwide
- ⇒ Each licensee will be assigned a **30-MHz** with no guard bands for TDD use
- ⇒ Issuing 3 licenses per region (**North & South region** of Chinese Taipei)
- ⇒ A total of **6** licenses will be issued and each application cannot be granted more than one license
- ⇒ Selected License **X1** and **X2** reserved for green fielder & limited to IEEE 802.16e standard
- ⇒ NCC set up the panel to determine the qualification of the applications. There are 11 judges, including 3 commissioners, 2 government officers, and 6 professors, who are excellence with finance, engineering, communication, and industrial economic.



Two Stages Licensing Method

◆ First Stage :

⇒ Business planning book : 80 points

- Network deployment and technology ability (28 points)
- Service and operation planning (23 points)
- Financial planning (23 points)
- planning for protection of rights of subscribers (6 points)
- items which could add points (5 points)

⇒ Face - to face talk : 20 points

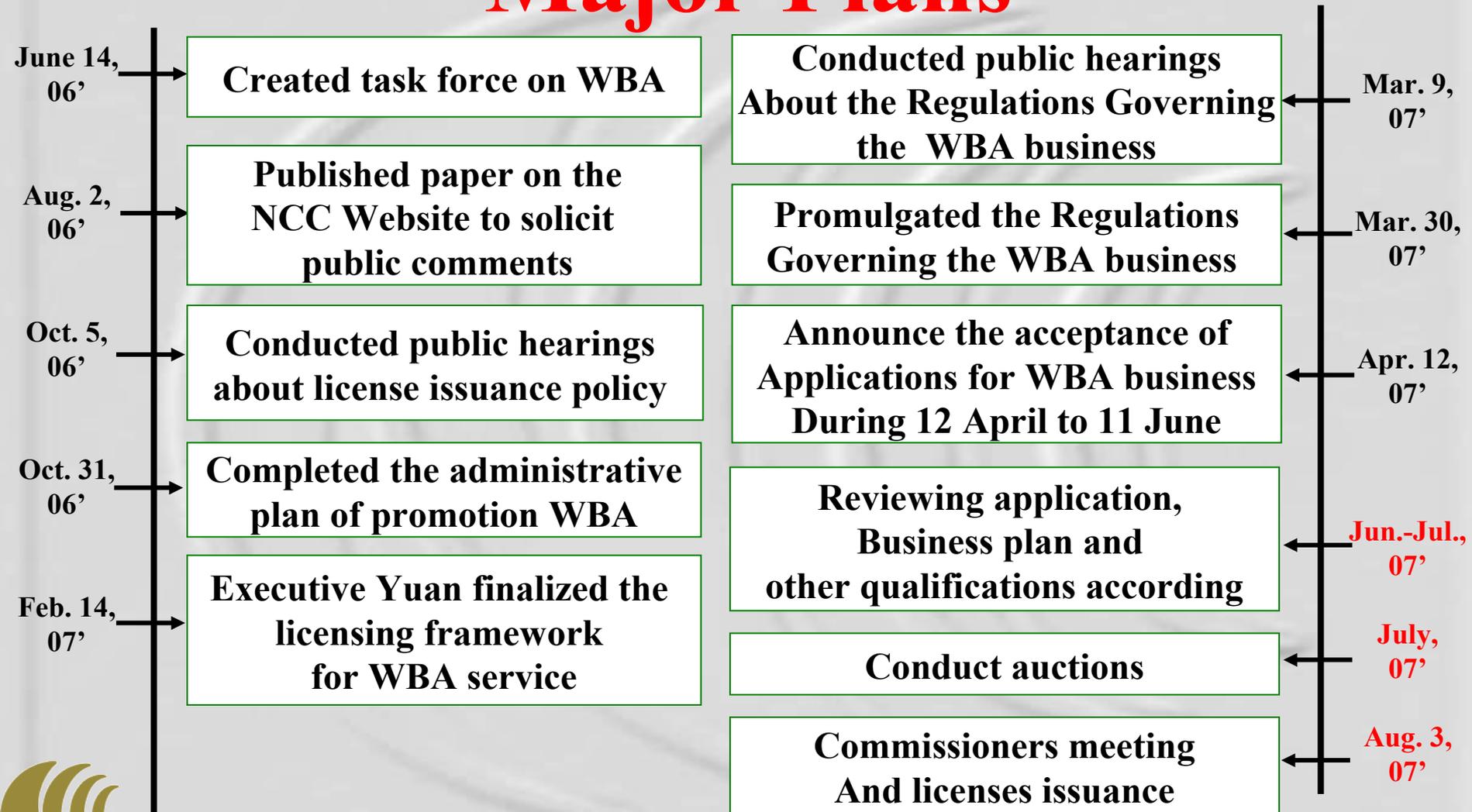
- ⇒ The applicant which pass the reviewing process (over 75 points) will become qualified bidders.
- ⇒ the total direct shareholding by foreigners <49%
- ⇒ the sum of direct and indirect shareholding by foreigners <60%

◆ Second Stage :

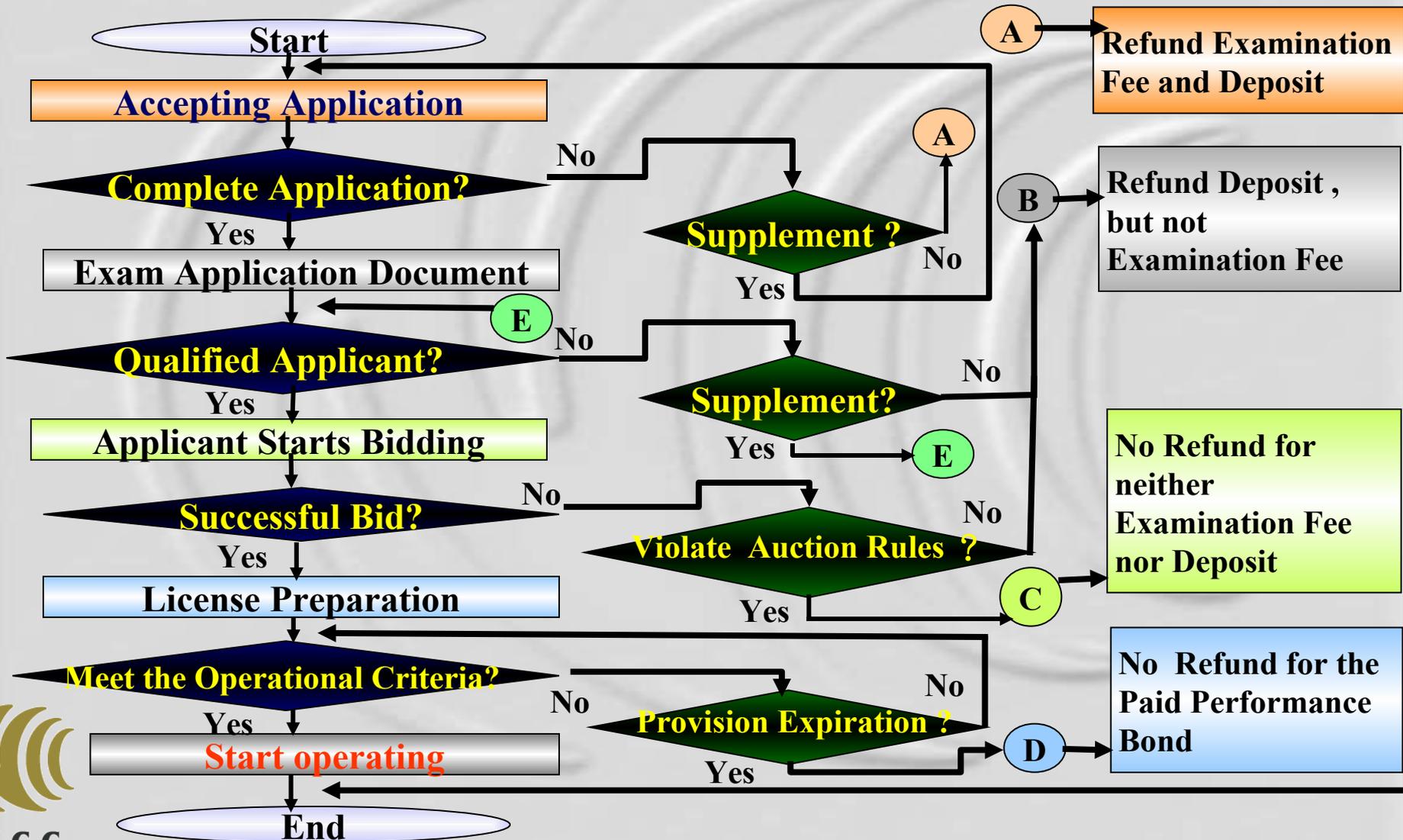
⇒ Auction



Major Plans



Licensing Framework



Reference

- ◆ **Telecommunications Act**
(<http://www.ncc.gov.tw/English/Regulations/TelcommunicationsACT.htm>)
- ◆ **Regulations Governing the WBA Business**
(<http://www.ncc.gov.tw/newinfor/data/newinfor-960402-1006-2.pdf>)
- ◆ **Published paper on the NCC website (August 2,2006)**
(<http://www.ncc.gov.tw/newinfor/data/newinfor-951117-358-1.htm>)
- ◆ **Conducted public hearings about License Issuance policy (October 5,2006)**
(<http://www.ncc.gov.tw/newinfor/data/newinfor-950912-321-1.pdf>)
- ◆ **Conducted public hearings about the Regulations Governing the WBA Business (March 9,2007)**
(http://www.ncc.gov.tw/newinfor/plan_detail.asp?id=949)
- ◆ **Announced the acceptance of applications for WBA business during 12 April to 11 June**
(http://www.ncc.gov.tw/newinfor/plan_detail.asp?id=1017)





Thank you for Your Attention!

