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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 13400.1-2012

Replacing GB/T 13400.1-1992

Network planning techniques - Part 1: General terms

网络计划技术 第1部分：常用术语

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Foreword

GB/T 13400 "Network Planning Technology", consists of the following three parts.

--- Part 1. Common terminology;

--- Part 2. General method of drawing the network;

--- Part 3. project management application in the general procedure. This section GB/T 13400 Part 1. This section drafted in accordance with GB/T 1.1-2009 given rules. This Part replaces GB/T 13400.1-1992 "network planning technique commonly used term," compared with the GB/T 13400.1-1992, the main To technical changes are as follows:

--- Name change. From "Network planning technique commonly used term" for the "Network planning technique - Part 1. Common terms";

--- Structural Adjustment. the original standard "basic terms" "Network Planning Technology" "network map", "network plan" Section 4 of the structural adjustment "and the 5 structure of the network-related program, the term "and so on.

--- Added "Double - Code Time Scale Network Map" "Single Code overlapping network map", "key nodes" "milestone" in "wave line", "cutting line method" "Earned Value Method" "Minute Network Planning Law" and other eight terms. Abolition of the "network simulation program Law", "set the node" "branch node", etc. Three terms. This section is proposed and managed by the China National Institute of Standardization. This part mainly drafted by: China National Institute of Standardization, Beijing Institute of Engineering Science, Management, Chinese Academy of Sciences. The main drafters of this section. Hongyan, Zhan Wei, Li Xiaolin, Zhang graceful, Gan Xi Shao, Cong ECONOMY. This part of the standard replaces the previous editions are.

--- GB/T 13400.1-1992.

Network planning technique is that people in management practice created for program management in order to ensure the realization of the intended target management techniques. it is A scientific and effective management methods, is widely used in industries program management and project management planning, implementation, control all stage. Its greatest feature is able to provide a variety of information for the project management plan to help managers implement rational organization of tasks, so Overall planning, a clear focus, optimize resources, to achieve the project objectives. In China, the network planning technology in the 1960s, promoted and applied to the 80's and project management, and gradually Its core technology and become an important part, and has been a great development, has accumulated rich experience. In order to regulate the operation of Network Planning Technology Terms and definitions, formulated section. Network Planning Technique Part 1. Common Terms

1 Scope

GB/T 13400.1-2012 is the Chinese national standard on network planning techniques - part 1: general terms, in the field of natural and applied sciences. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2012 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 June 2013. Classification: ICS 07.020, CCS A41. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB/T 13400 provisions of this part of the common terms and their definitions of network planning techniques. This section applies to program management and construction industries and other areas of scientific research.

2.1.1 Definitions

2.1.1.1 Network Planning networkplan Filling work schedule (2.3.2.1) in the network map (2.3.1.1) in the time parameters of the formation.

Note. The time limit (2.4.27) as a constraint, the time limit may be prepared as network planning.

2.1.1.2 Network Planning Technique networkplanningtechniques With network planning (2.1.1.1) the work of the task (2.3.2.1) schedule be arranged and controlled to ensure that plans to achieve the objectives set Management techniques.

2.1.2 Classification

2.1.2.1 based on work classification code 2.1.2.1.1 Node network activity-on-nodenetworkplan; AO-Nnetworkplan Network plans to Node Network (2.3.1.4) represented by (2.1.1.1). 2.1.2.1.2 - Arc network planning activity-on-arrownetworkplan; AO-Anetworkplan Network plans to double arrow network (2.3.1.2) represented by (2.1.1.1).

2.1.2.2 Given the nature of classification 2.1.2.2.1 Certainly Network Project deterministicnetworkplan Work (2.3.2.1), the logical relationship between the work (2.3.3.1) and Duration (2.4.1) are positive network plan (2.1.1.1). 2.1.2.2.2 Non-Network Project is certainly un-deterministicnetworkplan Work (2.3.2.1), the logical relationship between the work (2.3.3.1) and Duration (2.4.1) in any one or more uncertain Network Program (2.1.1.1).