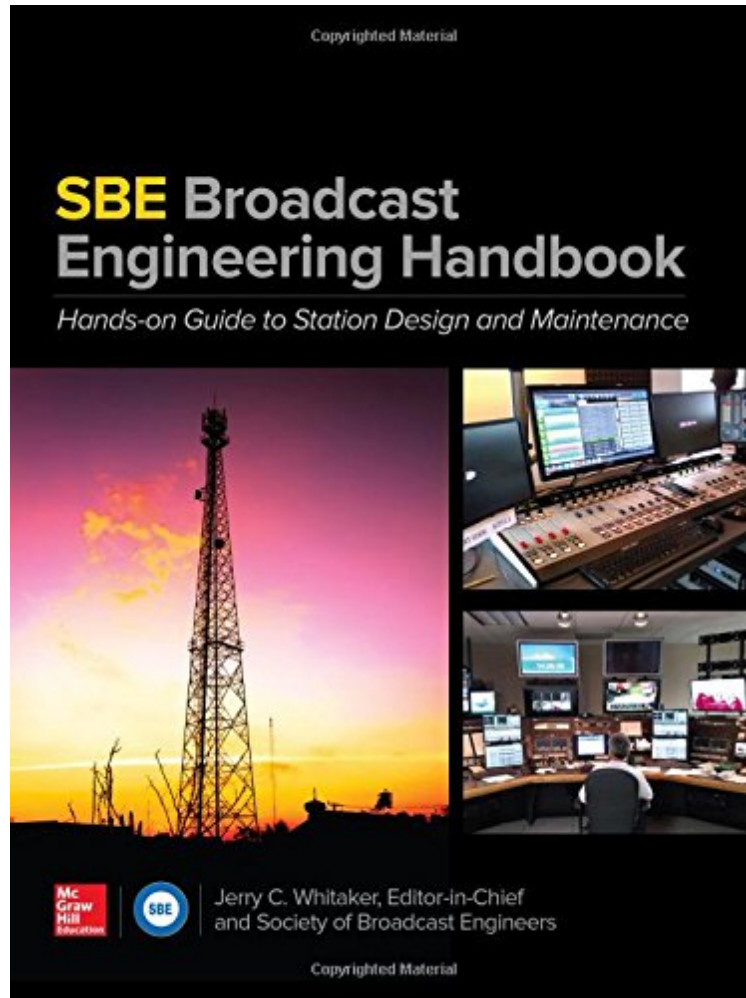


(Read now) The SBE Broadcast Engineering Handbook: A Hands-on Guide to Station Design and Maintenance

The SBE Broadcast Engineering Handbook: A Hands-on Guide to Station Design and Maintenance

*Jerry C. Whitaker, Society of Broadcast Engineers
ebooks | Download PDF | *ePub | DOC | audiobook*



#855316 in Books 2016-04-11 Original language: English PDF # 1 9.50 x 2.00 x 8.00l, .0 #File Name: 0071826262912 pages | File size: 50.Mb

Jerry C. Whitaker, Society of Broadcast Engineers : The SBE Broadcast Engineering Handbook: A Hands-on Guide to Station Design and Maintenance before purchasing it in order to gage whether or not it would be worth my time, and all praised The SBE Broadcast Engineering Handbook: A Hands-on Guide to Station Design and Maintenance:

7 of 7 people found the following review helpful. Eye candy for engineers. By Dane E. Ericksen Wow, this handbook came as a pleasant surprise. This 2016 first edition of the SBE Broadcast Engineering Handbook is pretty impressive; it fulfills its claimed purpose of a "hands on guide" for broadcast station design and maintenance. The contributing authors read like a Who's Who in the broadcast engineering field, and the editor-in-chief is Jerry Whitaker, VP of

Standards Development for the Advanced Television Systems Committee (ATSC), former SBE President, SBE Fellow, and author of more than thirty books on technical topics. The SBE Broadcast Engineering Handbook contains cutting edge information on virtually every aspect of broadcast station design and operations, both radio and TV, including the now proposed ATSC 3.0. My favorite chapter was Chapter 5.11 on electronic news gathering (ENG) systems using cellular frequencies (aka bonded ENG), as opposed to Broadcast Auxiliary Service (BAS) frequencies. I forgive the author of that chapter for his dig about "dated" point-to-point microwave technology, because for truly major news events (e.g., Katrina, or out here in California, earthquakes), you had better not be relying on the continued availability of terrestrial commercial mobile radio service (CMRS) phones; only Mobile Satellite Service (MSS) handsets and BAS gear at hardened broadcast sites are likely to still be working during such scenarios. But I digress. Like the NAB Engineering Handbook, all of the figures are black white. However, the most recent edition of the NAB Engineering Handbook is the tenth edition dating from 2007, whereas the SBE Broadcast Engineering Handbook has the advantage of addressing advances in broadcast engineering in the succeeding nine years. So, while NAB is working on an updated 11th edition of its engineering handbook, that update is still a year away. Other contrasts are the size and weight: The NAB Engineering Handbook is 8 1/2 x 11 inches, over 2,000 pages, and weighs more than ten pounds; the SBE Broadcast Engineering handbook is a more compact 7 x 9 inches, 912 pages, and weighs 3.5 pounds. So the SBE handbook is a lot easier to pull out for reference than the big daddy NAB handbook. I expect that the 2016 SBE Broadcast Engineering Handbook will turn out to compliment rather than compete with the in-the-works 11th edition of the NAB Engineering Handbook, and so can recommend adding the SBE Broadcast Engineering handbook to your technical library now, especially if you're in the engineering side of broadcasting. 0 of 0 people found the following review helpful. Great technical resource! By John E Brewer Great technical resource. So helpful that I bought 4 so each engineer could have one. It was especially helpful for SBE exams! 0 of 0 people found the following review helpful. Five Stars By R. Cross The product exceeded my expectations.

Up-To-Date Broadcast Engineering Essentials

About the Author Jerry Whitaker, Editor in Chief, is Vice President of Standards Development for the Advanced Television Systems Committee (ATSC) in Washington, D.C. He is the author or editor of more than 40 technical books, including The DTV Handbook, The Standard Handbook of Video and Television Engineering, The Standard Handbook of Audio and Radio Engineering, and Communications Receivers. Mr. Whitaker is a Fellow of the Society of Broadcast Engineers.