

**PARTICULARITIES OF THE SELECTION PROCESS  
OF NEW DECOMPRESSION TABLES AND PROCEDURES IN  
SUPPORT OF THE BULGARIAN NAVY DIVING OPERATIONS**

**Daniel Todorov**

**Abstract:** *A substantial part of the Bulgarian Navy Diving Manual (PVS-90) are the decompression tables and procedures. Like the rest of the Manual, these are obsolete and do not correspond to the current level of ambition of the Bulgarian Navy. The analysis of the different courses of action and the opportunities with regards to the adoption of new decompression tables and procedures, as an Annex to the new Bulgarian Navy Diving Manual (MTP-06-002), is the particular focus of this article. The analysis describes the status of the issue and the past attempts for its resolution. The need for implementation of new decompression tables and procedures, corresponding to the evolved operational requirements of the Navy, is identified. The approach of other national governmental institutions, of other NATO and EU countries, as well as of the commercial sector is analyzed. A solution is being proposed, through the selection of suitable decompression tables and procedures, their modification and subsequent validation in accordance with the current best practices.*

**Key words:** *diving, decompression table, decompression procedures*