

標 題：

IMO における現存貨物船への VDR
設置要求に関する審議

NKテクニカル インフォメーション

No.: 418

Date: 平成 13 年 9 月 5 日

関係船主・船舶管理会社・造船所 各位

VDR(Voyage Data Recorder)は航空機のブラックボックスの船舶版で、事故発生当時の船橋に於ける音声や VHF 通信状況と船速や針路などの船舶の状況が 12 時間分記録されるもので、2000 年 12 月に採択された SOLAS 条約の改正(MSC.99(73))で搭載が義務づけられています。適用については以下のとおりになっています。

(確定事項)

- (a) 新造船(2002 年 7 月 1 日以降起工の船舶)
 - i) 国際航海に従事する旅客船
 - ii) 国際航海に従事する 3,000GT 以上の貨物船
- (b) 現存船
 - i) 国際航海に従事する Ro-Ro 旅客船 2002 年 7 月 1 日以降の最初の検査まで
 - ii) 国際航海に従事するその他の旅客船 2004 年 7 月 1 日まで

(今後の検討課題)

現存貨物船の遡及適用については、条約改正案の審議においては決着がつかず、今後の検討課題とすることが決議 MSC109(73)として採択されていました。

これを受けて 2001 年 7 月に開催された NAV 小委員会では、VDR を現存貨物船に要求することの実現可能性(feasibility study)を技術問題を扱う作業部会で検討、この検討結果は来年 7 月に開催される次回 NAV 小委員会へ報告されることになっています。

なお、本件は 2004 年まで 1 月までには NAV 小委員会で結論を出すことが求められており、その後、上位機関である MSC(海上安全委員会)へ報告され最終的に条約を改正するか決定される手続きとなっております。

添付 Resolution MSC.109(73)(英文)
SOLAS V/20 規則(2002 年 7 月 1 日発効)(英文)

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RESOLUTION MSC.109(73)
(adopted on 6 December 2000)

CARRIAGE OF VOYAGE DATA RECORDERS (VDRs)
ON EXISTING CARGO SHIPS

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(a) of the Convention of the International Maritime Organization concerning the functions of the Maritime Safety Committee,

HAVING ADOPTED, by resolution MSC.99(73), amendments to chapter V of the International Convention for the Safety of Life at Sea, 1974 (hereinafter referred to as the "Convention"), in particular, regulation V/20 concerning the carriage requirements of voyage data recorders (VDRs),

NOTING that the aforementioned amendments to the Convention do not include requirements for existing cargo ships to carry VDRs,

1. DECIDES that a study should be carried out, as a matter of urgency, to assess the feasibility of installing VDRs on existing cargo ships,
2. INVITES Member States concerned to:
 - .1 submit data to enable the NAV Sub-Committee to conduct a feasibility study of mandatory carriage of VDRs on existing cargo ships of sizes to be recommended; and
 - .2 encourage shipowners to install VDRs on existing cargo ships on a voluntary basis, so that wide experience may be gained from their use.
3. INSTRUCTS the NAV Sub-Committee, in co-operation with other sub-committees as appropriate:
 - .1 to carry out the feasibility study, taking into account such factors as:
 - .1 practicability;
 - .2 technical problems relating to the retrofitting of VDRs;
 - .3 adequacy of existing performance standards, including the possible development of simplified standards;
 - .4 experience in the use of VDRs on ships already fitted with them, including data that could not have been obtained without VDR; and
 - .5 relevant financial implications, including a cost benefit analysis.
 - .2 if the study clearly demonstrates the compelling need for mandatory carriage of VDRs on existing cargo ships, to prepare appropriate draft amendments to chapter V of the Convention and associated performance standards, for consideration by the Committee and action as appropriate; and
 - .3 finalize the study not later than 1 January 2004.

Regulation 20
Voyage data recorders

1 To assist in casualty investigations, ships, when engaged on international voyages, subject to the provisions of regulation 1.4, shall be fitted with a voyage data recorder (VDR) as follows:

- .1 passenger ships constructed on or after 1 July 2002;
- .2 ro-ro passenger ships constructed before 1 July 2002 not later than the first survey on or after 1 July 2002;
- .3 passenger ships other than ro-ro passenger ships constructed before 1 July 2002 not later than 1 January 2004; and
- .4 ships, other than passenger ships, of 3,000 gross tonnage and upwards constructed on or after 1 July 2002.

2 Administrations may exempt ships, other than ro-ro passenger ships, constructed before 1 July 2002 from being fitted with a VDR where it can be demonstrated that interfacing a VDR with the existing equipment on the ship is unreasonable and impracticable.

VOID