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KR
KOREAN REGISTER
**TECHNICAL
INFORMATION**

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**Subject : Fire-fighter's communication requirement in accordance with
SOLAS regulation II-2/10.10.4**

In accordance with SOLAS II-2/Reg.10.10.4, for ships constructed on or after 1 July 2014, a minimum of two two-way portable radiotelephone apparatus for each fire party for fire-fighter's communication shall be carried on board. Those two-way portable radiotelephone apparatus shall be of an explosion-proof type or intrinsically safe. Ships constructed before 1 July 2014 shall comply with the requirements of this paragraph not later than the first survey after 1 July 2018. FAQs, which are related with explosion-proof type or intrinsically safe two-way portable radiotelephone apparatus which shall be carried, are summarized as below.

<Q> What kind of certifications (e.g. ATEX and IECEx) should the explosion-proof radio transceiver meet?

<A> Unfortunately, there is no performance standard for two-way radio telephone from IMO now. Appropriate explosion-proof certification considering characteristics of ship and ship's cargoes can be accepted and it is not required to be approved by Administration or this Society.

<Q> Whether the explosion-proof radio transceiver should be provided with explosion-proof accessories (e.g. bone conduction microphone, earpiece, etc.)

<A> Regarding accessory, there is no additional requirement for accessories (e.g. earphone or headset) in SOLAS, so they can be provided as option. However, if communication is impossible with radio telephone wearing fire fighter's outfit onboard, it is recommended to equip with explosion-proof accessories (bone conduction microphone, earpiece, etc.)

<Q> Whether two explosion proof portable radiotelephone apparatus shall be equipped per every fire fighter's outfit onboard or not?

<A> No they need not be equipped per every fire fighter's outfit onboard. Two explosion proof radiotelephone apparatus shall be equipped per each fire party, which are indicated on muster list of individual ship.

<Q> What is definition of "Fire party"?

<A> There is no definition of "Fire Party" in SOLAS. However, normally it means fire team which includes fire-fighter. There is no regulation how many fire party shall be for a ship and the number of fire party is decided depending on characteristic of individual ship.

<Q> Where should I keep the explosion-proof radio transceivers?

<A> There is no restriction for the place to keep two-way radio telephone. (Place where access by fire-fighter is convenient as possible)

<Q> Is it available to use explosion proof two-way portable radiotelephone apparatus, which was provided for the other purposes, for the one required by this regulation?

<A> Yes it is available. In case of tankers, existing explosion proof two-way portable radiotelephone apparatus can be accepted for the one required for fire fighter's communication.

- The end -



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