**Proposal from Viasat (India) Ltd. for review of NFAP-2022 (WG 2)**

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| **Contribution for updating National Frequency Allocation Table-2022** | | |
| 1 | Name of Individual /Organization etc. | Viasat India Private Limited |
| 2 | Address | Module 1 & 2, 5th Floor  Block C, Global Infocity Park  No. 40. MGR Salai, Kandanchavadi  Perungudi, Chennai, India 600 096 |
| 3 | Mail ID | c\_mehul.bhandari@viasat.com |
| 4 | Phone/Mobile no. | +91 9717 030 583 |
| 5(a)\* | Nature of business | Telecommunications |
| 5 (b) | Type of Organization  (Pvt industry, Association, academia, PSU, government departments etc.) | Private Industry |

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|  | **Proposal** |  |
| 6 | Frequency band (kHz/MHz) | 1427-1518 MHz |
| 7\* | Applications of service | mobile-satellite service, including GMDSS |
| 8 | Minimum & Maximum power with unit | As per ITU-R RR provisions. |
| 9 | Purpose | To ensure the Global Maritime Distress and Safety System (GMDSS) used in India is protected from unacceptable interference |
| 10 (a) | Countries in which similar applications are used along with web link (if known) | Global use |
| 10 (b) | Provisions in frequency allocation table along with footnote of the country along with web link (if known) | ---- |
| 11 | Radio Regulations provisions (if known) |  |
| 12\* | Type of Radiocommunication service | Mobile Satellite Service (MSS) |
| 13 | Compatible Wireless Standard for the device likely to work in the proposed band ( ETSI, ­­­­3GPP, IEEE, EC, FCC ,TEC etc or any proprietary standard) | N/A |
| 14 | Benefit for public |  |
| 15 | If modification in NFAP-2022 footnote, then quote relevant footnote no. of NFAP-22 | **IND 16**The following frequency bands, or parts thereof, have been identified for implementation of International Mobile Telecommunications **(IMT)**:  **Frequency bands at Sl. No 11 to 14**  Viasat respectfully requests a new note be added for the frequency range covered by **SI. No 11 to 14 (1427 – 1518 MHz)** as follows:  **New Note XXX:**The frequency band 1518-1559 MHz (space-to Earth) is used in the Mobile-Satellite Service (MSS) to provide communications for the Global Maritime Distress and Safety System (GMDSS) and needs to be protected, and ensured that there is no interference from any adjacent or in-band IMT services with necessary guard-band and protection measures in place. |
| 16 | Remarks | Global Maritime Safety Services - India was one of Inmarsat's founders in 1979 through the International Maritime Organization (IMO) to provide global safety services through GMDSS. Today, maritime safety communications continue to be a critical part of maritime activities in India with thousands of Indian vessels relying on this service operating in the L-band spectrum (1518-1559 MHz downlink, 1626.5 – 1660.5 MHz uplink). |

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Viasat India Private Limited

30 August 2024