

FAO SYLVIA LAM

September 29 2000

Re: Request for Special Temporary Authority (STA) to operate one INMARSAT Mini-M land-based ship terminal in Guam, File no. Of STA is SES-STA-20000911-01678.

Yorkshire Television, herein requests a grant of special temporary authority beginning October 12 2000 and extending until October 26 2000, to operate one INMARSAT Mini-M land-based ship terminal in Guam to provide digital voice service via INMARSAT satellite system in connection with land earth stations/gateway at either Papua New Guinea or New Zealand. We are making a 13 part documentary series on snakes and other Reptiles for Discovery's Animal Planet channel in the USA and Channel 4 in the UK.

One of the programmes is about the brown tree snake which we Will be filming in Guam next month, October. We have all our requisite Filming permissions and visas for this from the US embassy and various Government organisations.

As part of our health and safety requirements we have to provide the team/crew with emergency evacuation procedures in case anyone gets bitten by a snake or has an accident. To fulfil part of this requirement we provide them with a satellite 'phone as their cellular 'phones may be out of range in the remote places they will be filming in. This is the only reason we take a satellite 'phone on our filming trips, purely in case of emergency.

The name of the point of contact in Guam is Julian Dismore Producer/Director (for Yorkshire Television), Guam Hilton 001 671 6461 835

The technical parameters of the INMARSAT Mini-M land-based ship terminal are the following:

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|-------------------------------------|--|---------------|
| 1) Antenna: | One INMARSAT approved INMARSAT Mini-M
(W=235mm, D=190mm and H=44mm) Nera terminal | |
| 2) Antenna gain: | 13 dBi | |
| 3) Frequency bands: | 1626.5 - 1660.5 MHZ and 1525 - 1559 MHZ. | |
| 4) Maximum power at antenna Flange: | 1.26 watts | |
| 5) Emission | EIRP | EIRP density |
| 5K60G1E | 14 dBW | 12.5 dBW/4KHz |

This terminal does not have priority access with real-time pre-emptive capability for communications in the mobile satellite service (GMDSS and/or AMSRS) and will not be used at sea or on a ship.

Radiation hazard study

We have not been able to provide a detailed study, but it is Yorkshire Television's responsibility to ensure that the public and operational personnel are not exposed to harmful levels of radiation. The INMARSAT Mini-M terminal will be located at least 2 meters tall above the ground level. Warning signs will be posted informing public and users to stay at least 20 cm from the satellite facing side of terminal at all times when the terminal is in operation.

The undersigned hereby certifies that neither INMARSAT, the applicant or any other party to the foregoing application is subject to a denial of Federal Benefits pursuant Section 5301 of the Anti-Drug Abuse Act of 1998, 21 U. S. C. § 853.a

Sue Edelson
Production Manager
International Factual Programmes