

FCC FORM 442**MARITIME INSTITUTE OF TECHNOLOGY AND GRADUATE STUDIES.****EXHIBIT #1 - Line-4 Particulars of Operation.**

FREQUENCY	POWER	POWER	POWER	EMISSION	MODULATION	BANDWIDTH
A - IN KHZ.	B	C	D	E	F	G (NOTE-3)
FAS { 2,187.5 KHZ	150 } WTB	150	MEAN	300HJ2B	50 BAUD (1)	0.3 KHZ.
2,174.5	150 }	150	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
FAS { 4,207.5	300 } 1B WTB	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
4,177.5	300 }	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
FAS { 6,312.0	300 } WTB	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
6,268.0	300 }	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
FAS { 8,414.5	300 } WTB	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
8,376.5	300 }	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
FAS { 12,577.0	300 } 1B WTB	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
12,520.0	300 }	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
FAS { 16,804.5	300 } WTB	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
16,695.0	300 }	300	MEAN	300HJ2B	50 BAUD	0.3 KHZ.
FAS { 2,182.0	150 } WTB	150	PEAK	2K80J3E	2.4 KHZ. (2)	3.0 KHZ.
4,125.0	300 } 1B WTB	300	PEAK	2K80J3E	2.4 KHZ.	3.0 KHZ.
FAS { 6,215.0	300 } WTB	300	PEAK	2K80J3E	2.4 KHZ.	3.0 KHZ.
8,291.0	300 } WTB	300	PEAK	2K80J3E	2.4 KHZ.	3.0 KHZ.
FAS { 12,290.0	300 } 1B WTB	300	PEAK	2K80J3E	2.4 KHZ.	3.0 KHZ.
16,420.0	300 } WTB	300	PEAK	2K80J3E	2.4 KHZ.	3.0 KHZ.
MEGAHERZ						
4-27 -NOTE-1	300 } WTB	300	MEAN	300HJ2B	50 BAUD (1)	0.3 KHZ
4-27 -NOTE-1	300 }	300	PEAK	2K80J3E	2.4 KHZ (2)	3.0 KHZ.
FAS { 156-157.5	25 } WTB	25	MEAN	16K0G3E	5 KHZ. (3)	20 KHZ.
INMARSAT-C						
FAS { 1626.5-1646.5	NOTE-2 } 1B WTB	NOTE-2	NOTE-2	NOTE-2	NOTE-2	NOTE-2

NOTE-1: ANY FREQUENCY LISTED IN 47 CFR PART-80 FOR USE BY SHIP STATIONS.
PLEASE SEE OUR EXHIBIT NR. 2

NOTE-2: PER 47 CFR 80.207 (d) THIS DATA IS DETERMINED BY INMARSAT.

NOTE-3: BANDWIDTH PER 47 CFR 80.205 (a) . ALL EQUIPMENT IS FCC TYPE ACCEPTED FOR
SHIPBOARD GMDSS OPERATION.

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EXHIBIT #2 - Line-10 Description of Program.

The station will be part of our GMDSS Radio Operator Training Course. This course is a full two weeks of academic work and intensive hands on operation of actual shipboard GMDSS equipment

We will have three VHF-DSC stations and two MF/HF-DSC stations that will normally be operated on dummy loads but occasionally will be operated live on the air to contact shore and ship stations to demonstrate proper operating procedures. We will have two Inmarsat-C stations which will be used frequently to demonstrate log-on and log-off procedures and message handling.

We believe there is no substitute for actual hands-on experience with actual GMDSS communications equipment in contact with another station to make the students feel confident that they will be able to perform their GMDSS operator duties when on board ship.

The students will be under constant supervision when operating any of this equipment by the GMDSS class instructor. The proposed instructor holds a FCC First Class Radio Telegraph License as well as a GMDSS Radio Operators License and has many years of shipboard communications experience. When the instructor is not present all transmitting equipment capable of on-air transmission will have its power source turned off with a locked switch.

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EXHIBIT #3 - Line-13. List of Transmitting Equipment to be installed:

<u>MANUFACTURER</u>	<u>MODEL NUMBER</u>	<u>NO. OF UNITS</u>
SEA	VHF-DSC 7156	1
SEA	MF/HF-DSC SEA-330	1
SEA	SEASAT (INMARSAT-C)	1
FURUNO	VHF-DSC 8500	2
FURUNO	MF/HF-DSC FS-1562-15	1
FURUNO	FELCOM-11 (INMARSAT-C)	1

ALL EQUIPMENT LISTED IS FCC TYPE ACCEPTED FOR SHIPBOARD GMDSS OPERATION PER 47 CFR 80.1103.