

Communications made in VHF will only be effective when transmitter and receiver are visible to each other, it depends a lot on the terrain, obstacles and weather and, as a general rule, will be effective at about 150 km.

R-863 VHF/UHF		R-828 LVHF
Mhz - AM		Mhz - FM
127.5	Canal 1	21.5
135	Canal 2	25.7
136	Canal 3	27
127	Canal 4	28
125	Canal 5	30
121	Canal 6	32
141	Canal 7	40
128	Canal 8	50
126	Canal 9	55.5
133	Canal 10	59.9
130	Canal 11	
129	Canal 12	
123	Canal 13	
131	Canal 14	
134	Canal 15	
132	Canal 16	
138	Canal 17	
122	Canal 18	
124	Canal 19	
137	Canal 20	

ARK-UD VHF (AM)	
Canal 1	114.166
Canal 2	114.333
Canal 3	114.583
Canal 4	121.500
Canal 5	123.100
Canal 6	124.100
N/A	243.000

**Yadro-1A** 2 – 17.999 Mhz

**R-863 VHF/UHF** is used for A/A and ATC communications. It has two operating modes, one manual (frequency selection dial) and another preprogrammed (20 channels).

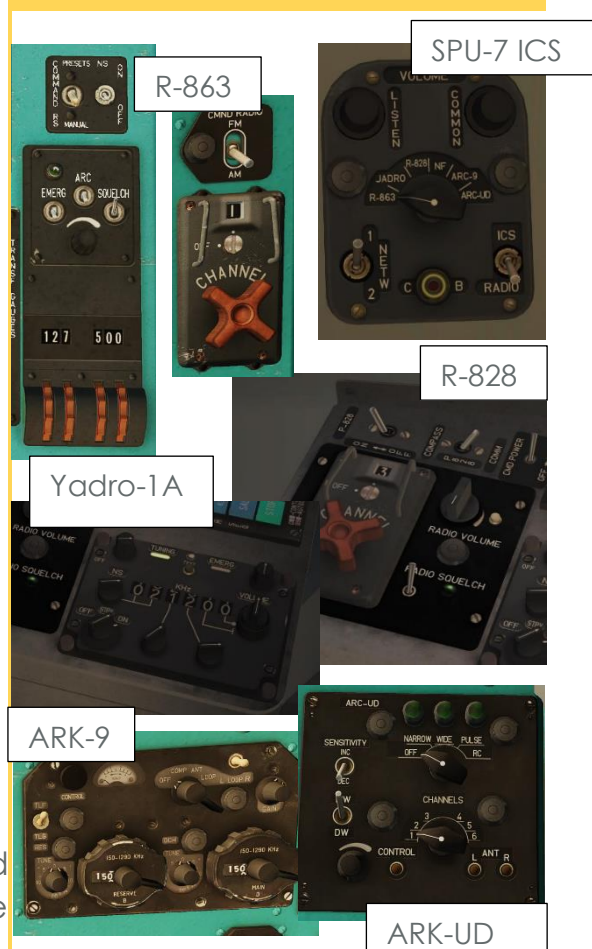
**YADRO-1A HF** is used for very long distance communications, either A/A or A/G.

**R-828** is used for A/G and FAC (Forward Air Controller) functions. It can also be used for ADF radio navigation.

**SPU-7 ICS** panel is the panel that allows you to select which radio you want to transmit-receive.

**ARK-9** panel is used for ADF radio navigation through the NDBs.

**ARK-UD VHF** panel emergency location system, in conjunction with the R-828 radio.



By using the R-828 radio together with the ARK-9 and ARK-UD systems, search and rescue missions can be carried out.