

INSTITUTE OF MEDICAL-BIOLOGICAL PROBLEMS; USSR MINISTRY OF
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The IMBP selections

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Additional Notes : July 1991

Medical doctors have always played a prominent role in the Soviet Manned programme. They helped develop the original criteria for cosmonaut selection, monitored crew training and in flight operations and were a major voice in selection of crews through the State Commission.

Korolyov supported this involvement, or at least allowed it, planning missions in 1964 and 1965 with clear medical objectives using Vostok and Voskhod spacecraft.

1964: VOSKHOD Selections: BUp SOROKIN with Medical Services branch armed Forces - at TsIAM (Central Institute of Aviation Medicine, Moscow.

LAZAREV with AF - 1st doctor considered permanent member of Cosmonaut team also an AF Pilot - of the Medical Service officially enrolled 31 January 1966: Died 30th December 1968. On 20th Dec he and a friend drank home-made Vodka - which ^{Poisoned} ~~Poisoned~~ them and eventually killed them a few days later.

YEGOROV - Capt Medical Services. (part of his Natural Service)



IMBP Update - 2

Nov 1965 3rd Air Force Enrolment inc. Major VLADIMIR A.

DEGTYAREV, then 33, of the Medical Services. An Air Force Physician who withdrew from the programme just 2 mth after selection - in Jan 1966 - felt not suited to space flight - left for personal reasons - now (91) a Colonel in the Med. Ser. - has worked most of his life in Aviation & Space Medicine.

1965 - 3 doctors from Academy of Med. Science encouraged to apply for training to take part in a 14 day Biomed ~~Vostok~~ Vostok or Soyuz mission in late 1960's:

SENKEVICH; IL'IN; KISILEV - they only did preliminary ground training and never officially approved by the Joint State Commission (Medical) - or MKV.

IL'IN attended ~~kind~~ SLS-40 Part Soviet biomed Contingent to Cooperate on SLS-1 mission objectives.

In early 1970's with prolonged Salyut missions planned Soviet space planners considered the presence of a Doctor flying in space an advantage. The IMBP, founded by Dr OLEG GAZENKO in 1969 had formed its own Cosmonaut ~~Group~~ Candidate Group which included SENKEVICH; V. POLYAKOV; and GHERMAN MACHINSKI.

In 1972 Polyakov and Machinski along with Smirenny a Medical Physicist employed by IMBP were approved by the MKV. Polyakov was named CDR of group whose function was to render any kind of assistance in orbit inc. surgery. Polyakov also trained as a FLT Eng and served in that capacity aboard Soyuz TMS in 1988.

IMBP Update - 3

Dec 1978 a second group was approved by MKV with several Engineers :- ARZAMAZOV began OKP (Gen Comstraining Course) 1976
ATKOV OKP not begun until 1982
Borodin OKP ?
POTAPOV OKP 1978
BUBROV OKP began 1976 lasted 2 1/2 years 1977 left.

In 1980 the MKV began the selection of a second group of Women Cosmonaut Candidates consisting of employees of a variety of Institutions one - IMBP. In Oct 1980 10 Women were approved as the 9th civilian enrolment into Cosmonaut Team. The group inc 5 from IMBP :- Galina AMELIKINA
Svetlana BEREGOVKINA
Yelena DOBROKUVASHINA
Larisa POZHARSKAYA
Tamara ZAKHAROVA

Of the 5, Beregovkina never actually trained as a Cosmonaut Researcher despite selection and left (?). The remaining four underwent OKP in 1982.

In 1982 a new Flight Engineer ~~enrolment~~ enrolment (the 10th Civ. Enrol. overall) was begun - approved by MKV in Feb 1985, the group numbered 6 and included one ^{medical} Engineer employed by IMBP - STEPANOV. The group underwent OKP during next two yrs. and were certified Cosmonaut Researchers in Feb 1987.

In Jan 1989 3 others were added to the IMBP group, and approved by the MKV in May 1990:
IKRASHNIKIN ; LYUKYANUK ; MORUKOV.

IMBP Update 4.

A Ministerial Decree, signed in 1989 requires the presence of a doctor - cosmonaut in the crew of any mission scheduled to last longer than 6 months.

Currently (1991) the IMBP have a civilian Cosmonaut Dept. headed by V. Polyakov who is also Deputy Director of the Institute itself.

Selection Breakdown.

NAME	AFFILIATION	YR SEL.	FLTS.	ACTIVE.
YEGOROV	STAR TOWN - AFR.	64	1	NO
SOROKIN	TSIAM - StarTown, AF:	64	0	
LALAREV	AFMS. STAR TOWN	64	(2 nd) SEC 1965 SELECTION	DEC. December 90
SENKEVICH	ACAD MED SCIENCE	65 (69)	0	NO
ILYIN	AC. MED SCIENCE	65	0	NO
KISSILEV	" " "	65.	0	NO
DEGTYAREV	A.F. MED SERVICE	65	0	NO
POLYAKOV	IMBP	72	1	YES INACTIVE ?
MACHINSKI	IMBP	72	Pending	YES.
SMIRENNY	"	72	"	YES.
ATKOV	IMBP	1978	1	YES INACTIVE ?
ARZAMAZOV	"	"	Pending	YES
BORODIN	"	"	"	YES.
POTAPOV	"	"	"	YES.
POUBOV	"	"	0	NO

IMBP Update -5

NAME	APFIL	YR SEL	Fits	Active
AMELIKINA	IMBP	1980	Pending	Yes
BEREGOVKINA	"	"	0	No
POBROKVASHINA	"	"	Pending	Yes
POZHARSKAYA	"	"	"	Yes
ZAKHAROVA	"	"	"	Yes.
STEPANOV	IMBP	1985	Pending	Yes.
KARASHIN	IMBP	1989	Pending	Yes
LYUKANUK	"	"	"	Yes.
MORUKOV	"	"	"	Yes

Total IMBP Staffers who have undergone Cosmotraining stands at 15 from 17 selected - By April 1991. - All but 2 (^{ATILAY} Bayanov?) remain eligible for future flight assignment.

Staffer 4 were selected from the Medical Services of the Soviet A.F. and 3 from the Academy of Medical Science none are currently active.

This brings the total to 24 Doctors selected between 1964-1989 of whom 5 were women. 2 have flown (4 if you count Lomarev) and 15 are available for future flights.
