

दूरभाष: २३०६/ Tele: 2306

सम्मिश्र जांच दल/ Composite Trial Team  
द्वारा नौसेना कार्यालय/ c/o Navy Office  
मुख्यालय/ Headquarter  
अन्डमान एवं निकोबार कमान/  
Andaman & Nicobar Command  
पोर्ट ब्लेयर ७४४१०२/ Port Blair 744 102

CTT/300/04/04/TECH

23 नवम्बर २३/ Nov 23

प्रधान सेनापति/ The Commander-in-Chief  
{कृते कमान तकनीकी अधिकारी (समुद्री विद्युत)/ for CTO (ML)}  
मुख्यालय/ Headquarters  
अन्डमान एवं निकोबार कमान/ Andaman and Nicobar Command  
द्वारा नौसेना कार्यालय/ c/o Navy Office  
पोर्ट ब्लेयर ७४४ १०२/ Port Blair 744 102

**END OF REFIT TRIALS OF WINDOW WIPERS, AUTO TELEPHONE EXCHANGE,  
SOUND POWER TELEPHONE - INS KARMUK (NR-23)**

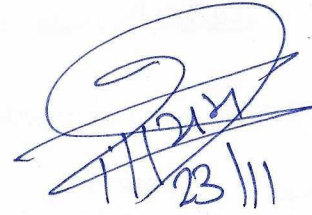
1. Refer to INS Karmuk Fax 309/04 dated 14 Nov 23.
2. **Background**. Operational checks of auto telephone exchange, and performance check of window wiper motors and sound power telephone were carried out from 16 to 17 Nov 23. Detailed report placed at **Enclosure**.
3. **Observations**.
  - (a) **Window Wipers**.
    - (i) Fresh water pipe lines rusted and not secured.
    - (ii) Test bench report of all motors not available with SS.
    - (iii) Fresh Water supply not available for window wiper no 02, 08 and LSO.
    - (iv) HCOS of window wiper no 04 & 08 not secured.
  - (b) **Auto Telephone Exchange**.
    - (i) Telephone instrument not available at 12 / 52 locations. Details placed at **Enclosure**.
    - (ii) Poor electrical hygiene of telephone exchange main panel.
    - (iii) UPS not secured and cables not passing through cable tray.
    - (iv) Poor electrical hygiene of 03 JBs and cable not passing through glands.
    - (v) Earthing strap missing from main panel and junction box no.2.

(c) **Sound Power Telephone.**

- (i) 03 / 40 SPTs **UNSAT.**
- (ii) Two SPT microphone **non-ops** (Fwd deck store and Quarter deck).
- (iii) Foxle break water SPT connector rusted.

4. **Recommendations.**

- (a) Liquidation of observations at para 3 above.
- (b) SS to furnish test bench reports of window wiper motors fitted in trunking.
- (c) Ready reckoner for Telephone number to be made available at important locations.



23/11

(एस सी विलियम/ S C William)  
कमांडर/ Commander  
प्रभारी अधिकारी/ Officer-in-Charge

**Encl: -** As above

**Copy to: -**

कोमोडोर अधीक्षक/ The Commodore Superintendent  
{कृते उप महाप्रबंधक (मरम्मत)/ for DGM (Refit)}  
नौसेना पोत मरम्मत यार्ड/ Naval Ship Repair Yard  
द्वारा नौसेना कार्यालय/ c/o Navy Office  
पोर्ट ब्लेयर ७४४ १०२/ Port Blair 744 102

कमान अधिकारी/ The Commanding Officer  
भा. नौ. पो. कार्मुक/ INS Karmuk  
द्वारा नौसेना कार्यालय/ c/o Navy Office  
पोर्ट ब्लेयर ७४४ १०२/ Port Blair 744 102

**END OF REFIT TRIALS OF WINDOW WIPERS, AUTO TELEPHONE EXCHANGE, AND  
SOUND POWER TELEPHONE - INS KARMUK (NR-23)**

1. **Window Wiper Motors.**

<u>Ser</u>	<u>Motor Description with Rating (kW/ hp)</u>	<u>Status (Ops/ Non Ops)</u>	<u>Insulation (MΩ)</u>	<u>Starting Current (Amps)</u>		<u>Running Current (Amps)</u>	
				<u>Low Speed</u>	<u>High Speed</u>	<u>Low Speed</u>	<u>High Speed</u>
(a)	Window Wiper No 1	OPS	5	0.8	1.8	0.4	0.6
(b)	Window Wiper No 2	OPS	10	0.6	1.5	0.2	0.6
(c)	Window Wiper No 3	OPS	∞	0.8	1.6	0.4	0.5
(d)	Window Wiper No 4	OPS	∞	0.9	1.6	0.3	0.7
(e)	Window Wiper No 5	OPS	7	0.7	1.5	0.3	0.4
(f)	Window Wiper No 6	OPS	∞	0.6	1.6	0.3	0.5
(g)	Window Wiper No 7	OPS	∞	0.8	1.5	0.4	0.4
(h)	Window Wiper No 8	OPS	10	0.7	1.7	0.4	0.6
(j)	Window Wiper No 9	OPS	∞	0.6	1.8	0.3	0.3
(k)	Window Wiper No 10	OPS	∞	0.8	1.8	0.4	0.5

2. **Auto Telephone Exchange.**      Equipment not available in following location:-

<u>Ser</u>	<u>Location</u>	<u>Telephone no</u>	<u>Remarks</u>
(a)	12 Men mess	126	
(b)	Galley	150	
(c)	AC compartment	204	
(d)	AVCAT compartment	146	
(e)	09 Men mess	148	
(f)	EWO	139	
(g)	JSDH	152	
(h)	Diving Store	202	
(j)	CO ops room	400	Cordless instrument available, however power supply not available.
(k)	CO bridge	300	
(l)	Store office	124	Voice not clear.
(m)	Bridge OOW	111	Working only in speaker mode



3. **Sound Power Telephone.**

<u>Ser.</u>	<u>Description</u>	<u>Remarks</u>
(a)	No. of groups	05
(b)	No. of single way SPTs	Nil
(c)	No. of multiway SPTs	40
(d)	No. of single way SPT weather-proof socket box	Nil
(e)	No. of multiway SPT weather proof socket box	05
(f)	No. of multiway SPT with socket box for headset	08
(g)	No. of single way SPT with socket box for headset	Nil
(h)	Single way SPT console mounted	Nil
(j)	Multiway SPT – 24 console mounted	Nil
(k)	SPT hooter	07
(l)	Headset with MIC > 10 mtr. cable	08
(m)	Single way SPT (portable) complete with plug & lead	Nil
(n)	Multiway SPT (portable) complete with plug & lead	Nil