

NEWS LETTER OF AERWA

R.N.I.REGN.NO.MAHENG/2000/706

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(12 Pages)

ATOMIC ENERGY RETIREES WELFARE ASSOCIATION

"AERWA"



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Regd. No.F/5819/Thane Dt. 31.10.97 Bom. Pub. Trust Act, 1950
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Rs 5/- Single Copy-Distributed at free of cost for members of AERWA (Retirees of All Units of DAE).

Aims and Objectives of 'AERWA'- Highlights

- 1) To continue the emotional integration of all retired scientific, engineering, technical and administrative staff members of the Department of Atomic Energy.
- 2) To represent to the concerned authorities updated social security needs of the retirees and family pensioners.
- 3) To strengthen the hands of existing recognized apex bodies of similar associations of retirees of other governmental organizations.
- 4) To utilize the rare combination of talents and expertise available among members for the welfare of general public through social service using the association as a platform.

(Opinions and views expressed in articles and editorials need not necessarily be that of AERWA)

India Reaches Mangal in Mangalyaan at Rs 7/Km (on page 7)

Appeal to contribute generously to the Prime Minister National Relief Fund for J&K

Friends, as you know, unprecedented floods caused by uninterrupted heavy downpour wreaked havoc in Jammu & Kashmir in the first week of September 2014. In the worst-ever floods to hit the state in 109 years, property and infrastructure worth crores of rupees have been damaged. The extent of calamity can be gauged by the fact that state machinery was completely paralyzed during initial period of the flood. However, the armed forces and NDRF could save and provide relief to lakhs of marooned people. The task of building the devastated state is quite herculean. J&K needs our help at this critical hour to tide over the calamity and to rebuild lives of lakhs of people."

AERWA managing committee appeals to all fellow members to stand shoulder to shoulder with our distressed brothers and sisters in J&K and donate generously towards the relief fund. AERWA will transfer all the donations to Prime Minister's National Relief Fund (PMNRF). The payment procedure is given below.

Procedure for becoming New Member, Converting Life to Patron Member or for Giving Donations

(Fee for Life Member is Rs.600/- and Patron Member is Rs.1000/-).The printing cost of News Letter and postal charges have increased substantially. It is our request that please become a Patron Member. If you are already a 'Life Members', please convert to 'Patron' by paying **Rs 400**. This will augment AERWA corpus fund.

You may pay membership fee/ donation through Internet Transfer or deposit a cheque of any bank at any branch of State Bank of India in **any city**. The cheque/ Internet Transfer should be in favor of "**Atomic Energy Retirees Welfare Association SBI A/c 33188890083**"; (IFS Code: SBIN0013055). You may also post your cheque to:

Dr (Smt) Sagar V B; A-603, Bhakti Avenue, Plot 3B; Sector 46A,
Nerul, Navi Mumbai-400706; Tel: 27720457; Mob: 9869176128; dr.veenasagar@gmail.com

PS: Please write your **Name and Mobile No** on the backside of the cheque if you have posted to Dr Sagar. If the cheque is directly deposited in the SBI, **please inform** your Name, Tel/ Mob No either by post or by email to: dr.veenasagar@gmail.com and gargsp2246@gmail.com (The Membership Form will be posted later)

Option of Receiving Soft Copy of AERWA News Letter Instead of Hard Copy

Several AERWA members have suggested allowing them to choose above mentioned option in order to avoid wastage of paper and also save AERWA funds. Soft copies are emailed much earlier (before they are printed).The interested members may please convey this by an email to: dr.veenasagar@gmail.com & gargsp2246@gmail.com

Please see the next page for details about:

Pensioner's Day on Dec 17, 2014 & PICNIC on Jan 18, 2015, Sunday

Important Tel Nos

BARC Hospital Security to call Ambulance (Only for CHSS beneficiaries)	2559 8200 2559 8308
24 hrs Ambulance Services for Heart Attack	105
24 hrs Ambulance Services for Accident cases only	102
24 hrs Ambulance Services for At New Mumbai	27708016, 9324206678
24 hrs Ambulance Services for at City (Fort)	61618141
Police Control Room at Mumbai and Navi Mumbai	100
Fire Station	101
Central Pen Ac Off, Delhi to Register your Grievances about Pension (Toll-Free)	180117788
Please inform by an email if you wish to augment above list: gargsp2246@gmail.com	

PENSIONER'S DAY CELEBRATION

Day/ Date/ Time: Wednesday; December 17, 2014; 10.00 AM

Venue: AERB Hall, Anushakti Nagar, Mumbai

Registration Charges: Rs 150 (includes lunch & Tea charges)

Program: **10.00-11.00** Felicitations of Senior Members of AERWA

11.00-11.20 Tea

11.20-13.00 Shri AK Anand ex Dir Reactor Projects Group to be the chief guest and deliver the Keynote lecture.

13.00-14.15 Lunch

14.15-17.00: Discussions on recent developments related to Pension for all Grades based on several recent judgments by CAT, High Courts and Supreme Court and case filed by AERWA.

We request all members to reach the venue by 10.00 AM. Please bring a photo ID card.

AERWA PICNIC-2015

Date: Jan 18, 2015, Sunday; **Rs 500/person;** Please make the payment on the **Pensioner's Day**, Dec 17, 2014; Booking will be on First- cum – First basis for first bus. Booking for second bus shall be on the basis of response. Bus will start from Dadar/ Sion/ Chembur / Vashi/ Kharghar depending upon the convenience of picnickers.

Place: Modak Van "Modak Samajik Vanikaran and Vrikshlagvad Sahakari Sanstha Maryadit", Nasarapur Village, Karjat, Raigad District. **~70 Km. From Kharghar.**

EDITOR'S SPACE

Proposed New CHSS Vs DAE Culture

(Shri R C Pant, President AERWA – Excerpts of proposed CHSS and AERWA's reply are given after this editorial)

Atomic Energy was revealed to human beings in most dangerous mode when on August 6, 1945 first atom bomb was dropped on Hiroshima, Japan. It was dropped with the help of B-29 Super-fortress Plane Enola Gay. Last surviving member of the crew Theodore Vankirk died at Atlanta on July 28, 2014 at the age of 93. As the bomb nicknamed '**Little Boy**' was dropped on the sleeping city, crew was not sure if it will work or whether their plane would survive shock waves.

They started counting one thousand one, one thousand two....- reaching 43rd second, the time given to them for detonation. For some more time nothing happened. Later Vankirk recalled "Crew thought and concluded it was a dud". It seemed a lot longer than 43 second. Then came a bright flash (दिवि सूर्य सहस्रस्य भवेद्युगथिता (गीता अध्याय ११:१२)) followed by a shock-

wave and then another shock-wave. It killed more than 1,40,000 in Hiroshima and changed the human history. After three days another bomb "**Fat Man**" was dropped at Nagasaki killing 80,000 more innocent civilian.

These great events have gone into the genes of human beings. Even after 70 years, nuclear energy is seen more suspiciously than as benefactor of humanity. Not many are aware that apart from destruction, nuclear technology has potential to provide unlimited source of energy, medicine for cancer, improved variety of pulses, most effective and cheaper mode of sterilizations to farm products & medical equipments etc. **AERWA can provide a platform to remove the misguided propaganda.**

When I was to join AEET in 1965, my father's friend had his own doubts and explained them dramatically. 'दाहिने हाथ की अंगुली से बाएं हाथ पर चिपके परमाणुओं को हटाने हूँ' कहा, इस कार्य में खतरा है. My father was an old Khadi Worker. He was also a rationalist and had scientific Nehruvian temper. He was not moved by

sensational description of danger and allowed me to join DAE.

I had a very happy career and was involved in the operation and maintenance of the research reactor CIRUS. I had permissible dose of radiation and I am very much physically and mentally fit at 70 yrs of age.

One reason of my good health could be due to excellent health follow up procedures for Radiation Workers in the DAE as provided by the CHSS facilities. DAE could maintain high standards of safe environment culture as workers were always assured of good care by dedicated medical facility under CHSS developed under the leadership of our visionary founder **Dr. Homi J. Bhabha**.

When all around, unusually hyper active propaganda is orchestrated by so called lesser mortal NGOs against low level radiation by Mobile Towers, DAE workers carry out their work observing maximum safety and through well planned work culture. The **CHSS** has given confidence to all the workers in the DAE assuring their health care both in day to day routine during their employment as well as after the retirement.

I hope CHSS-Review committee members are listening. DAE authorities, consultants, doctors and finance wizards must think hundred times before even contemplating any dilution in the CHSS.

In good old days AEET was forerunner of big family called DAE, DOS and ECIL. It laid foundation of recently achieved successful long journey by **MANGALYAN**.

AERWA NEWS

Proposal for a Revised CHSS: DAE has constituted a CHSS Review Committee vide OM dt:14/11/2012 which submitted its report on 18/07/13. Based on this DAE has issued a circular dt: 26/09/14 to all heads of DAE Units, NFAEE and AERWA inviting for comments.

Excerpts of Proposals by CHSS-Review Committee (Only those points are presented here which concerns AREWA members)

- 1) Definition of Family will include Husband/wife and two dependent unmarried children up to the age of 21 years. Additional contribution has to be made for each parent.
- 2) Rate of Contribution after Retirement: Scrapping of life time contribution and replace with annual payment after retirement @5% of Basic Pension +DR as on 1st January and additional contribution @2.5% for each parent. The amount already paid at the time of retirement will be adjusted against the revised amount. The remaining amount to be paid, if any, will be recovered in lump-sum.
- 3) Scrap existing proviso of re-imburement of confinement expenses, where CHSS provides facility,

either at own hospital or referral hospitals. At other stations and in case of emergency, adopt CGHS rates.

4) Scrap the system of bearing the cost of artificial appliances, as it involves problems relating to variety of the appliances, cost for its maintenance etc.

5) Curtail the cost over treatments in panel hospitals by adopting CGHS ceilings with no provision for relaxation by any authority.

6) Scrap existing proviso of re-imburement for Spectacles.

7) Limit the reimbursement of cost of medicines to generic drugs.

8) For classifying entitlement of Hospital Accommodation, we may adopt CGHS classification (as recommended by TISS consultants)

9) Introduce CHSS at all DAE locations including (a) Delhi (b) Nagpur (c) Jaipur (d) Shillong (e) Jamshedpur (f) Vizag (g) Bhubaneswar (h) Allahabad

AERWA's Comments on proposed CHSS by review committee constituted by DAE (Dt: 10/10/2014)

To: Shri K.P.S.Pillai, Under Secretary (IR&W), DAE

At the outset, AERWA expresses its strong displeasure for not receiving official copy of the proposed CHSS either as hard or soft copy though it is listed as one of the addressees. The proposed CHSS concerns retirees and AERWA should have been invited for discussion at all stages. AERWA is ~1670 member Retirees Association covering various units of the Department located all over the country. It is recognized by DP&PW.

1. Present retirees who have been issued Life Member CHSS cards on the terms and conditions prevailing at the time of their retirement strongly resent any proposal to alter the status quo with regard to the CHSS facility provided at present. To include them for any future changes amount to changing the terms and conditions of their joining CHSS retrospectively which is totally unethical. DAE should not be insensitive to the lifelong services (which involved nuclear radiations) rendered by the retirees and thus resort to such unethical practice. Long term effects of radiations for retirees engaged in high radiation field needed to be monitored lifelong.
2. We understand that in the past too whenever any alteration in the terms and conditions of CHSS was done, it was from prospective effect and not from retrospective effect.
3. Retirees planned their post retirement life, taking into consideration the CHSS facilities available at the time of their retirement. Many of them opted to live (around the CHSS centers) in metro cities like Mumbai after retirement by paying exorbitant price for their accommodation. They would have considered moving

to their native places but for the CHSS facility. Burden of upward revision of any terms and conditions of CHSS facility at advanced age of the retirees and their family members will be difficult to withstand physically as well as emotionally.

4. At this stage of their life, retirees cannot even buy private medical insurance. There are instances where retirees also have to support their old parents.

General Comments:

5. Recommendations are totally oblivious of the rationale of CHSS introduced by our visionary founder Dr Homi Bhabha to meet the department obligation for distinctly different medical care having regard to the functional intricacies of the organization. As pointed out in the consultants' report "Nature of occupation of scientists and other employees demanded a high level medical care system (not a routine treatment facility) with a research input as a matter of abundant caution in the area of nuclear radiations". It is mandatory for the department to meet this obligation.

6. To attract the best candidates, DAE has many special and unique features. It attracts the most talented scientists and engineers through a rigorous selection process. It has a merit promotion scheme. It gives many incentives to its employees like liberal housing, general incentive, performance based incentives, special pay etc. Likewise it has a special health scheme for taking good health care of its staff and retirees (who have given lifelong service to the Dept) as a part of its policy to attract the best talent to steer the nuclear power and other strategic programmes of the department. Any alteration in the CHSS rules will be looked as a breach of trust by the department towards existing employees and it will be a disincentive for future employees.

7. It is most disappointing to find that there is an attempt even to change the definition of family.

Finally, AERWA would like to thank the department for providing excellent uninterrupted CHSS facilities to retirees. As a part of DAE family, AERWA looks forward to work with department to improve the efficiency of the CHSS scheme.

Sd- B.M.Misra, Secy., AERWA

Important Court Cases

A. Status of S-21 case (SO-E Group)

(Shri M. Venugopalan, Shri M.M.V.Murthy)

S-21 case was listed for hearing on 12 Sep 2014. Our case was listed under final hearing or for passing orders, but the judge adjourned our case to 27 Jan, 2015 in spite of our advocate pleading not to postpone the case as it is a pensioner's case. Whatever may be the decision of the case, members should be ready to

contribute at a short notice to fight the case in high court.

B. Status of S-29, S-29+ & 20Yrs case

(Shri BM Misra)

1. The MA application filed by UOI in the contempt case by 661 nos S-29 group came for hearing at CAT Delhi on Aug 23, 2014 where in GOI advocate requested for 3 months more time for implementation of their order dt 15.5.2014 giving the correct pension from 1.1.2006 for the applicants. The court asked the GOI to implement the order in 45 days' time and come with compliance report on the next hearing on October 17, 2014. As in many cases the revised PPOs could not be issued, the court agreed for extending the date to 17.12.2014 on request of GOI.

2. Subsequently DO issued OMs dated 26th August and 4th September to all the concerned Depts to issue revised PPOs of all the applicants by 25th September so that the compliance report can be communicated to the court on 7th October. The PPOs of nearly all 661 applicants have been revised and many have received their arrears. All DAE and BARC applicants have received their revised PPOs from CPAO.

3. Meanwhile Bharat Pensioners Samaj has written to DOP and to other concerned Depts and is planning to file a PIL. Many individuals have sent representations to CJI. An Intervention MA has been recently filed at CAT Delhi by Shri B.S. Khanna on 29.9.2014 requesting implementation of CAT order for all the pre-2006 pensioners which was not accepted by CAT on 17th Oct.

4. The S-29+ case for pre-2006 applicants came for hearing at CAT Delhi on Aug. 25. As there were many cases on that day our case was adjourned to October 14, 2014. This has been further postponed to October 30, 2014. In the post 2006 S-29 + case the respondents have submitted the Counter and the next date of hearing is on 30.10.2014. We have requested the Advocate to prepare the response to the counter and send us for our review.

5. The 20+ yrs case came for hearing at CAT Delhi on September 29. The GOI advocate tried to confuse the court about its linkage to full parity cases of S-30 group which has been heard by CAT and the judgment is reserved. This was objected by our Advocate who also mentioned that 4 judgments are already given in such cases by different branches of CAT including Delhi. However the court agreed to wait for full parity judgment and fixed the next date on 29.11.2014. The applicants are not satisfied with the CAT postponing the dates and are planning to file a Writ Petition at the Delhi High court for expeditious hearing of the case.

C. Status on Case of Parity among Pre and Post 2006 Retirees in Grade OS

The petition filed by a group of Pre-2006 retirees in grade "OS" has been dismissed by the CAT, Mumbai (as informed by a member of the group).

Meet our Senior AERWA Member - Shri V N Sathe
(Tel: 25576273)

(By SP Garg: AERWA mentoring Programme)



Shri V N Sathe was born on Dec 3, 1921 in Karad, Dist Satara. After his BSc Honors from College of Engg, Pune and LIM London, he worked for ten yrs outside DAE

before joining Metallurgy Div, BARC in 1955. He was extremely proud of the fact that **Dr Homi Bhabha** interviewed him for this appointment.

His wife Smt Kumud Sathe (88yrs) and Shri Sathe are both in very good health without any major ailment. Shri Sathe has not taken any medicine since 1954 (allopathic, homeopathy, ayurvedic .. **NOTHING!!!**) and has followed only natural therapy.

Shri Sathe and I worked in same lab in the Met Division till his retirement in 1981 and remember his ever smiling face even when he was angry.

Once again I had wonderful time with Sathes. And yes, Shri Sathe wishes to donate his organs and looking forward for some help form AERWA.

Estimated Accrued Arrears if the Govt Order/OM No 38/40/12P&PW(A) dt: 28/01/13 for Pre-2006 Retirees is Implemented wef 1/1/2006 (Important for Pre-2006 retirees in grades S-4 to S-29)

Background of the Govt Order/ OM No 38/40/12P&PW(A) dt: 28/01/13 (based on extensive contribution by Dr Ram Prasad):

The 6th CPC provided a clear fitment table for the S-29 (SO/H) grade (Rs18400-22400 before 1/1/2006) officers in service >1/1/2006 (Post-2006) which is Rs 54700-66680 and were fixed accordingly. Officers at the Min in pre-2006 stage of H Grade '18400' were fixed at 54700 and at the Max stage of Rs 22400 were fixed at Rs 61850. There is provision of 3 extra increments on saturation and the grade goes up to Rs 66680. The 6th CPC recommended that the pre-2006 retirees in their grade should be fixed at the 50% of the Min (Rs 54700) that is Rs **27350**. However, the Department of Pension & Pensioner's Welfare (DPPW) took a bizarre view and fixed S-29 at Rs 23700 (which is 50% of Min of Pay-Band + Grade Pay). This anomaly was not only for the S-29 grade retirees but also for almost all the grade from **S-4 to S-29** (except few).

It is heartening to note that a group of about 440 officers of S-29 (SO/H) grade from various cities and departments filed a case in CAT, Delhi in 2010. As other people came to know about the group they started joining. This was discussed in every AERWA meeting. The status of this case was also informed regularly through AERWA News Letters. Also the information was spread by word of mouth. This resulted in 44 members of DAE family (26 from BARC and 18 from NPCIL) joining the group, some joining as late as in April 2014 and the group swelled to 660 members.. The case underwent prolonged litigation in CAT, High Court, several petitions in Supreme Court. Finally, after 4 years of litigation, the case was brought to finality by CAT on 15th May, 2014. The Govt agreed to implement CAT's decision but interpreted it to be applicable only to petitioners. No doubt it is grave injustice to other S-29 officers as well as retirees from other grades. The latest position is that the papers for BARC members (part of 660 member group) have reached CPAO, Delhi who has issued revised PPOs to concerned Banks.

As a fallout, efforts of 660-club has also benefited most of the other pre-2006 retirees in a big way. DPPW (perhaps realizing their mistake) issued an **OM No 38/40/12P&PW(A) dt: 28/01/13 increasing pension of** most of the pre-2006 retirees (except few) but kept the implementation date **wef 24/9/2012**. It may be noted that the case filed by the club-660 was for implementation date wef 1/1/2006 and they are going to get substantial amount of arrears as they have won the case. However, if the Supreme Court orders for the 660-Club is applied to all remaining pre-2006 retirees several lakhs of retirees will be further benefited.

Is it Possible for other than S-29 Pre-2006 Retirees to get benefit?

Yes it is possible. However, it is not easy. Please remember, it has taken 4 yrs for the 660-Club to get justice and also that all pre-2006 retirees are of plus 68 yrs of age. Several S-29 grade AERWA members complained recently (only after curative petition was rejected by the Supreme Court in May 2014 and 660-Club won the case) that the AERWA did not inform about the 660-Club of Delhi. Irony is that this complaint has come only from S-29 retirees, whereas retirees of almost all the grades from S-4 to S-29 (except few) are affected. **It is perhaps due to lack of awareness among retirees other than S-29 group.**

A joint effort from all concerned Pre-2006 retirees is required to get any relief from the Gol. It is for this reason this note is prepared to provide relevant information to all the concerned AERWA members/ or even non-members. It would be then up to them to choose their course of action with or without any help from AERWA. An important steps are also suggested.

Following Table provides detailed information to all grades of Pre-2006 retirees about: i. Extent of increase in Basic Pension/ Family Pension and ii. Estimated maximum possible arrears wef from 1/1/2006 to 24/9/2012.

Table: (BP= Basic Pension; FP= Family Pension; Min= Minimum, Max= Maximum)

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Grade	Scale <1/1/96	Scale 1/1/96to 1/1/06	Pay Band ≥1/1/2006	Grade Pay ≥1/1/2006	Min BP before OM 28/1/13	Min FP before OM 28/1/13	Min BP after OM 28/1/13	Min FP after OM 28/1/13	Max Difference in BP	Max Difference in FP	BAP	Max Arrears for BP	Max Arrears for FP
S-1	750-940	2550-3200	4440-7440	1300	3500	3500	3500	3500	0	0	NA	0	0
S-2	775-1025	2610-3540	4440-7440	1400	3500	3500	3500	3500	0	0	NA	0	0
S-2A	775-1150	2610-4000	4440-7440	1600	3500	3500	3500	3500	0	0	NA	0	0
S-3	800-1150	2650-4000	4440-7440	1650	3500	3500	3500	3500	0	0	NA	0	0
S-4	825-1200	2750-4400	5200-20200	1800	3500	3500	3665	3500	165	0	3243	17101	0
S-5	950-1500	3050-4590	5200-20200	1900	3550	3500	3890	3500	340	0	3442	35238	0
S-6	975-1660	3200-4900	5200-20200	2000	3600	3500	4030	3500	430	0	3566	44565	0
S-7	1200-2040	4000-6000	5200-20200	2400	3800	3500	4920	3500	1120	0	4354	116077	0
S-8	1350-2300	4500-7000	5200-20200	2800	4000	3500	5585	3500	1585	0	4942	164269	0
S-9	1400-2660	5000-8000	9300-34800	4200	6750	4050	6750	4050	0	0	NA	0	0
S-10	1640-2900	5500-9000	9300-34800	4200	6750	4050	7215	4329	465	279	6385	48193	28916
S-11	2000-2120	6500-6900	9300-34800	4200	6750	4050	8145	4887	1395	837	7208	144578	86747
S-12	2000-3500	6500-10500	9300-34800	4200	6750	4050	8145	4887	1395	837	7208	144578	86747
S-13	2375-3750	7450-11500	9300-34800	4600	6950	4170	9230	5538	2280	1368	8168	236299	141780
S-14	2500-4000	7500-12000	9300-34800	4800	7050	4230	9375	5625	2325	1395	8296	240963	144578
S-15	2200-4000	8000-13500	9300-34800	5400	7350	4410	10140	6084	2790	1674	8973	289156	173493
SC	2200-4000	8000-13500	15600-39100	5400	10500	6300	10500	6300	0	0	NA	0	0
SD	3000-5000	10000-15200	15600-39100	6600	11100	6660	12600	7560	1500	900	11150	155460	93276
SE	3700-5000	12000-16500	15600-39100	7600	11600	6960	14960	8976	3360	2016	13239	348230	208938
SF	4100-5700	14300-18300	37400-67000	8700	23050	13830	23050	13830	0	0	NA	0	0
SG	5100-6700	16400-20900	37400-67000	8900	23150	13890	24295	14577	1145	687	21500	118668	71201
SH	5900-7300	18400-22400	37400-67000	10000	23700	14220	27350	16410	3650	2190	24204	378286	226972
OS	7300-7600	22400-24500	67000-79000	0	33500	20100	33500	20100	0	0	NA	0	0
DS	7300-8000	22400-26000	75500-80000	0	37750	22650	37750	22650	0	0	NA	0	0

Important Notes about the above Table:

- > The information in the above Table is only for pre-2006 retirees.
- > **Column A:** Nomenclatures of grades S1-S15 are not unique in DAE. They can be identified by the Pay Scales in **Columns B, C, D & E.**
- > **Column F:** Min BP = 50% of (Min of Pay Band + Grade Pay) as fixed wrongly before <24/9/2012 wef 1/1/2006. The qualifying service (QS) is taken as 33yrs. If not, appropriate correction factor ($=QS/33$) has to be used.
- > **Column G:** Min FP = BP x 0.6 at normal rate. The enhanced rate is 5/3 time the normal rate (applicable after death of the retired employee up to the retiree's notional age of 67 yrs) subject to a minimum value of Rs 3500.
- > **Column H & I:** These are minimum values as given in the Govt OM dt: **28/01/13**. Some of the pensioners might be getting more than this amount. It happens if retired between 1/1/1996 and 31/12/2005 at near saturation level of the grade and the pension amount are arrived at by using multiplication factor of 2.26. In such cases the values given in columns J, K, M and N would be much lower and even may reach to a value of '0'. (Pensioners need to worry only if their BP is less than the value given in the columns H & I).
- > **Column J & K:** Difference between BP/ or FP before and after 24/9/2012.

> **Column L:** BP was taken as 50% of average of basic pay during last 10 months before retirement <1/1/2006. The breakeven Average Pay (BAP) is the Basic Pay at which the Difference between BP/ or FP before and after 24/9/2012 will be 'zero'. It can be calculated as: $BAP = (Hx2)/2.26$. Therefore, pre-2006 retirees with $BP \geq BAP$ **will not receive any arrears.**

> **Column M & N:** Dr Ram Prasad (Member S29 **660-club**) has estimated a multiplication factor of **103.64** which is multiplied to the values in column J/or K to calculate arrears given in Column 'M & N'. The factor takes into account the increase in BP/ or FP and all DAs wef 1/1/2006 up to 24/9/2012. If Govt Order/OM No 38/40/12P&PW(A) dt: 28/01/13 is already implemented for you then arrears can be easily calculated as follows:

Arrears from 1/1/2006 to 24/9/2012 = [(BP/ or FP after 24/9/2012) – (BP/ or FP before 24/9/2012)]x103.64

> There are no changes in BP/ FP for Grades S1-3, SC, SF, OS and DS.

> Please contact for any clarification about the data given in the Table: gargsp2246@gmail.com

> Please contact for any future action on this through AERWA: pant.rc@gmail.com

Important steps: 1. AERWA Managing Committee has prepared a draft letter addressed to the **honorable Chief Justice of India**. The letter is an 8 page document which includes necessary enclosures. Please down-load ready to use "pdf" format letter from the AERWA website and post to the given address. The copies of the same will also be available on the Pensioner's DAY Function on **Dec 17, 2014**.

2. Please visit <http://penportal.comli.com>, a DAE Portal created by Shri O P Madhavi, NPCIL which will compile necessary information for the future action.

Government Order/ News (Related Excerpts)

OM F. No.42/10/2014-P&PW(G); Date: 29th Sept, 2014

Subject: **Grant of Dearness Relief wef 1.7.2014.**

Dearness Relief (DR) payable to Central Government pensioners/family pensioners shall be enhanced from the existing rate of 100 % to 107% w.e.f. 1st July 2014.

2. These orders apply to (i) All Civilian Central Government Pensioners/Family Pensioners (ii) The Armed Forces Pensioners (iii) All India Service Pensioners (iv) Railway Pensioners and (v) The Burma Civilian pensioners/family pensioners and pensioners/families of displaced Government pensioners from Pakistan, who are Indian Nationals but receiving pension on behalf of Government of Pakistan and are in receipt of ad-hoc ex-gratia allowance of Rs.3500/- p.m. in terms of this Departments OM No. 23/1/97-P&PW(B) dated 23.2.1998 read with this Department's OM No. 23/3/2008-P&PW(B) dated 15.9.2008.

3. Central Government Employees who had drawn lump sum amount on absorption in a PSU/Autonomous body and have become eligible to restoration of 1/3 commuted portion of pension as well as revision of the restored amount in terms of this Department's OM No. 4/59/97-P&PW (D) dated 14.07.1998 will also be entitled to the payment of DR @ 107% w.e.f. 1.7.2014 on full pension i.e. the revised pension which the absorbed employee would have received on the date of restoration had he not drawn lump sum payment on absorption and Dearness Pension subject to fulfillment

of the conditions laid down In para 5 of the O.M. dated 14.07.98. In this connection, instructions contained in this Dept's OM No.4/29/99-P&PW(D) dt. 12.7.2000.

4. Other provisions governing grant of DR in respect of employed family pensioners and re-employed Central Government Pensioners will be regulated in accordance with the provisions contained In this Department's OM No. 45/73/97-P&PW (G) dated 2.7.1999 as amended vide this Department's OM No. F.No. 38/88/2008-P&PW(G) dated 9th July, 2009. The provisions relating to regulation of DR where a pensioner is in receipt of more than one pension, will remain unchanged.

(Charanjit Taneja), US to the Govt of India

DAE / ISRO News

India Reaches Mangal in Mangalyaan at Rs 7/Km

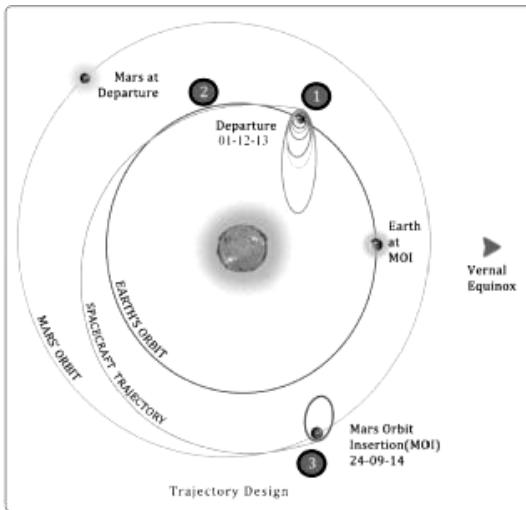
(Compiled by SP Garg; based on an article by Ms Mika McKinnon, Geophysicist, Entertainment Industry Columnist at Physics Today, Canada; Website ISRO and Indian News Papers)

September 24, 2014 was a big day for the Mars occupied entirely by robots: the Mars Orbiter Mission is the second spacecraft in two days to slip into orbit around the red planet, and the first interplanetary mission from India. Don't take this accomplishment lightly: the failure rate for Mars missions is still painfully high.

The Mars Orbiter Mission known as MOM and also as Mangalyaan has demonstrated a proof-of-concept technology to help the Indian space agency build capability for interplanetary missions.

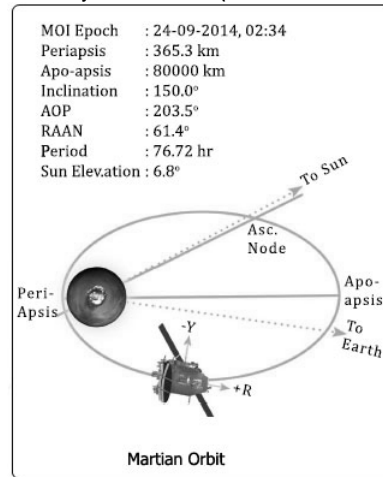
The history of Mars exploration is fraught, making every arrival a well-earned victory. Out of 51 attempts to reach Mars by countries around the world, only 21 have succeeded. Mangalyaan is the first attempt by the Indian space program to reach Mars, or any other interplanetary body. Now it is the seventh operational Mars explorer.

The mission is entirely homegrown, launched on a Polar Satellite Launch Vehicle back on **Nov 5th, 2013**. The Mangalyaan mission consists of three phases: 1. **A geocentric phase** of looping around Earth using an



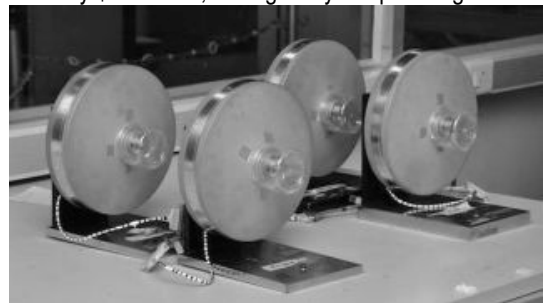
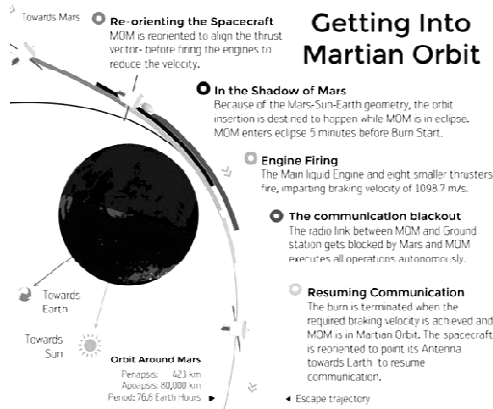
Orbital diagram of the Mangalyaan mission
 energy-efficient Hohmann Transfer Orbit; 2. A heliocentric phase tangentially departing Earth orbit and tangentially entering Mars orbit through a half-ellipse around the sun; and 3. a Martian phase of looping around the planet in a hyperbolic orbit. Like Maven (NASA satellite reached Mars orbit just two days before MOM), not every planned trajectory correction maneuver was necessary for Mangalyaan. After adjustments in December, the craft was so closely following its designed trajectory that it skipped its April correction. It did have a 16-second burn in June to keep it on target, but the August burn was postponed until September 22nd.

scientists back on Earth know it was now safely locked in a gravitational dance around Mars, the celebration was instantaneous. The spacecraft's measured velocity is just 0.3 m/s lower than anticipated, coasting along at a healthy 1,098.7 m/s (**unbelievable accuracy!!**).



Predicted / Planned Mars Orbit before Launch (this matches closely with the actual orbit achieved)

This mission to Mars is the cheapest ever accomplished. Getting to Mars is expensive: NASA's newly-arrived MAVEN cost in the neighborhood of \$671 million, the 2003 ESA Mars Express Orbiter carried a pricetag of \$386 million, and even the failed Phobus-Grunt mission with Russia's rocket and China's satellite cost \$117 million. India managed a successful mission with only \$74 million, a delightfully low price-tag..



The spacecraft can reorient by tweaking rotation speed of these attached wheels

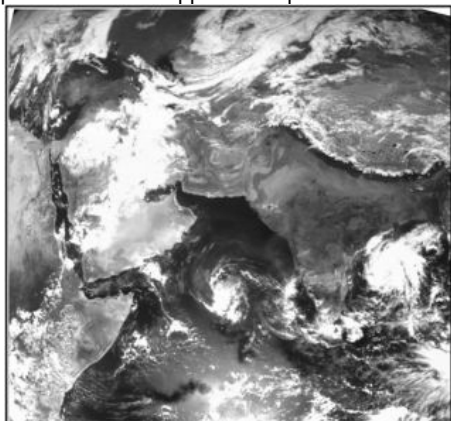
As a bonus to completing the technological objectives, Mangalyaan has a five-instrument payload to investigate Mars. The equipment is a mix of cameras and detectors.

Three instruments are: the **Methane Sensor for Mars (MSM)**, the **Mars Enospheric Neutral Composition Analyser (MENCA)**, and the **Lyman Alpha Photometer (LAP)**. The MSM will track atmospheric methane, mapping spatial and temporal variation. The instrument measures reflected solar radiation, so it will only be functional in daylight. MENCA is a mass spectrometer intended to determine the electrically-

Orbital insertion diagram

The real trick for this mission was successfully leaving its heliocentric ellipse and slipping into orbit around Mars. Due to the orbital dynamics of the arrival, the robot was doing this trickiest part of the dance while hiding behind Mars, a communications blackout to amplify the 12.5 minute communications delay (time taken for any communication to travel a distance of ~230 million Km between Mars and Earth on Sept 24, 2014). When it emerged from behind the planet and let

neutral components of the upper atmosphere. LAP detects Lyman-alpha emission, a process that will allow the probe to detect deuterium and hydrogen gas loss processes in the upper atmosphere.



First image of the Earth by Mars Color Camera (MCC) of MOM Spacecraft taken on Nov 19, 2013 from 67975 km altitude with a resolution of 3.53 km



MOM Spacecraft captures its first image of Mars taken from a height of 7300 km; with 376 m spatial resolution.

The other two instruments are a pair of cameras for optical and infrared light: the **Mars Color Camera (MCC)** and the **Thermal Infrared Imaging Spectrometer (TIS)**. MCC is a tri-color optical camera. The space agency hopes to use it not just to track Martian surface features and weather, but also to give a scientific side-eye to the Martian moons Phobos and Deimos. TIS detects infrared light, and is thus capable of monitoring temperature and thermal emission day and night. It will be able to map surface composition and mineralogy with distinctive thermal spectra. Mangalyaan's arrival marks India as just the fourth space agency to successfully send a probe orbiting Mars, joining NASA, the European Space Agency, and the now-restructured Soviet space program. In the glow talking about a Mars lander within the decade.

Of course, it's not a real Mars mission without a social media presence, so the Indian space agency happily obliged with its **very first Tweet from Mangalyaan was "I am in the Martian Orbit"**.



Prime Minister Shri Narendra Modi enthralled the nation by proudly mentioning that the entire cost of MOM works out to be Rs 7/Km (much lower than the auto fare).

AERWA salutes ISRO-MOM team.

Welcome to New Life (L-)/ Patron (P-) Members

Name	M No	Area	Phone
Saxena A K	P-2527	Nerul	27710296
Kulkarni B A	P-2528	Vileparle(E)	9967020536
A C Mohana Rao	P-2529	Hyderabad	04023040318
P K Krishnan	P-2530	Hyderabad	
Chougaonkar M P	P-2531	Kamothe	2743 0015
Das Radha A	P-2532	Trivendra	
P Ramkumar	P-2533	Bangalore	
Balaramamoorthy K	P-2534	Hyderabad	04027123862
Menon K K	P-2535	Kharghar	27741084
Pillai K G S	P-2536	Kharghar	9833699745
S Kailas	P-2537	Govandi	
Vasanthi Raswamy	P-2538	Sanpada	39184025
Ramarao V V K	P-2539	Sanpada	55912269
P B Kondejkar	P-2540	Sanpada	77992703450
Narasimharao K L	P-2541	Chembur	25297571
M Y Bhosale	P-2542	Kharghar	9820962139
Sinha A K	P-2543	Kharghar	27742212
Priyabrata Chatterji	P-2544	Kolkata	9874934411
B B Narang	P-2545	Vashi	9833705289
M Surya Prakash	P-2546	Hyderabad	04027125859
Sreedevi Nair	P-2547	Kharghar	27744025
Mary John A	P-2548	Kharghar	9819890602

Donations

Name	Rs	Name	Rs
Dr K Balaramamoorthy	1116	Dr Satyabrata	400
Shri Kulkarni B A	600	ShriRajagopalan Ramiah	400

Prime Minister National Relief Fund for J&K

Name	Rs	Name	Rs
Dr G D Jindal	10000	Shri BS Huligerimath	2000
Shri B M Misra	5000	Shri K C Kunju	1000
Dr N M Gupta	5000	Shri R C Pant	1000
Dr V K Manchanda	2100	Shri A K K Pillai	1000
Dr S P Garg	2000		

Thank you. AERWA expresses gratitude to the members for making generous contributions.

Welcome to Platinum Club (≥75 yrs)

(With Birth Day from 1st November to 31st December)

75 Yrs (Congratulations for getting Full Pension)

Name	Tel	DOB
Kamala Balaraman	27659454	3-Nov-39
Sadalgekar P D	25814094	4-Nov-39
Garud Arun N	27711965	7-Nov-39
Das Sharma R N	27722315	11-Nov-39
Bhor S G	25221127	15-Nov-39
Shukla J P	27897506	15-Nov-39
Tiwari G P		15-Nov-39
Nair K K V	9930112269	17-Nov-39
Apte P S	7547828	17-Nov-39
Michael Mariamma	7303887999	20-Nov-39
Shah T M	9867167095	22-Nov-39
Francis Netto		15-Dec-39
Ramachandran S R		19-Dec-39

76-79 Years

Name	Tel	DOB
Chavan Vijay R	25348919	5-Nov-35
Murthy M S		25-Nov-35
Nadgir S B	27666394	4-Dec-35
Baste M S		16-Dec-35
Patil S K	21023768	22-Dec-35
Dutta Bijoy Bhushan	25234237	22-Dec-35
Sakhare D R	27653135	30-Dec-35
Venkatappiah J	27720887	3-Nov-36
Pai N D	25550514	10-Nov-36
Mistry R B	23739676	13-Nov-36
Mehta N K	25566395	15-Nov-36
Iyer Gopal Krishna	26436878	16-Nov-36
Adhikari H R	24141244	2-Dec-36
Bapat S D	25251039	4-Dec-36
Joshi Manohar Vishnu		8-Dec-36
Balasubramanian K R		16-Dec-36
Lewis T G	28166208	19-Dec-36
Rambhajan	27669046	25-Dec-36
Shetty I A	9901004836	28-Dec-36
Varshney S V	27704308	31-Dec-36
Venkatasubramanian		8-Nov-37
Rasal J P		9-Nov-37
Nagarajan P S	27705706	11-Nov-37
Sundaram P G	27669885	11-Nov-37
Birdi K S	27821739	14-Nov-37
D'Souza A B	25511621	16-Nov-37
Tilak W G		18-Nov-37
Mamdapur V R	25562902	20-Nov-37
Ramakrishna D V S	27718591	22-Nov-37
Sunder Rajan N S	26044296	23-Nov-37

Namjoshi M W	25584354	25-Nov-37
Ganga M K	27562283	30-Nov-37
Barve V C	26119145	1-Dec-37
Jadhav V N		12-Dec-37
Nair G M	25576098	12-Dec-37
Mainkar S A	28743088	19-Dec-37
Thomas M J		23-Dec-37
Mathur A S	27822333	27-Dec-37
Narayanan P V	9495196893	2-Nov-38
Bhaumik N	27709906	3-Nov-38
Kumra Madhusudan	27543205	7-Nov-38
Kothare R S	9870323189	11-Nov-38
Gopalkrishnan Sarada		15-Nov-38
Thyagarajan S	27708234	30-Nov-38
Nair P V N		1-Dec-38
Vaswani K G	9821567757	4-Dec-38
Gore M S	26100394	8-Dec-38
Mahajan S C	27668327	15-Dec-38
Hemke R G	25571033	16-Dec-38
Banerji Asoke		17-Dec-38
Deshpande P V	27821808	20-Dec-38
Desai M V M	25567812	24-Dec-38
Rangarajan A N	27823422	25-Dec-38
Dharmadhikari M J	27824030	27-Dec-38
Dharwadkar S R	26153470	27-Dec-38

80 yrs and above

Name	Tel	DOB
Sathe V N	25576273	3-Dec-21
Kannan Seshadri		28-Dec-27
Venkatachalam K	27890819	1-Dec-28
Raote Shrikant Liladhar	26700286	7-Nov-29
Natarajan C S	24095734	11-Dec-29
Sivaramakrishnan K S	27662928	20-Dec-29
Krishnan V	25250563	29-Dec-29
Vaze G D	25403225	1-Dec-30
Ghosh T K	27896384	30-Dec-30
Gogate S S	25260646	16-Nov-31
Bhawe S B	24221063	14-Dec-31
Bagade R K	25331147	15-Dec-31
Shetty Babu	25584828	17-Dec-31
Chowdhury Tarun Kanti	27660397	1-Nov-32
Bagchi Alok Kumar	25583777	1-Nov-32
Akhileswaran Krishnan	27669772	3-Nov-32
Paranjpe S R		10-Nov-32
Coutino T G	27703687	15-Nov-32
Menon K K S	25886377	24-Nov-32
Mhaisalkar Veenita M	25553099	28-Nov-32
Jayawant S D	24453174	5-Dec-32
Degwekar V H	24078243	27-Nov-33
Joshi M R	25375642	15-Dec-33
Gadadare D A		15-Dec-33
Nair V P S		19-Dec-33

Dande Y D		22-Dec-33
Bandyopadhyay C		1-Nov-34
Lakshmi Narayanan T A		8-Nov-34
Thakur V Gangadhar		11-Nov-34
Biswas C R	5386044	15-Nov-34
Rajagopalan G	25565887	12-Dec-34
Ramachandran T L	25320799	20-Dec-34

Congratulations for getting additional Basic Pension and DR (both for pensioner and family pensioner):

20% for ≥80 yr; 30% for ≥85 yr; 40% for 90 yr; 50% for ≥95yr and 100% ≥100 yr.

Birth Day Greetings: Wishing a healthy and peaceful life to all members of Platinum Club – AERWA

Those who Left us behind:



1. Shri Dev Dutt Bajpai (P-554) born on July 5, 1942 died early hours of 1-10-2014. A graduate from HBTI, Kanpur joined 9th Batch Training School and then was posted at Plutonium Plant. He grew with reprocessing group

occupying senior position before retiring. He took keen interest in the activities of AERWA. He was a good friend and helping neighbor. He enjoyed writing Hindi poetry and would regularly participate in poetry recitation programs. His couplets bring out his emotions.

दुश्मन भी नाराज हैं और खफ़ा हैं यार, कुछ जन जिनके संग हैं मुख देखे का प्यार

कदम कदम चलते रहे आया एक मुकाम, जाने अनजाने हुए, हुए नाम गुमनाम

He is survived by three daughters and a son all well settled with two grandsons.

2. Shri B Muralidharan (P-332) 73 yrs of age expired on 7-10-2014. He joined 8th Batch of Training School and retired from BRIT on 31/12/2000. He was a soft a speaking, very kind, and was always ready to help everybody. He is survived by wife Smt Prema M and two sons both married and well settled.

AERWA expresses its heartfelt condolences to the bereaved families.

Information/ Message from Members

1. The Curious Case Of Twins –

Kodinhi (Kerala) and Umri (near Allahabad)

(Shri N K Bansal, Ex AssDir, NRG, BARC; Quoted from an article “30 Unusual Things and Places You Won’t Believe Existed in India”)

Kodinhi, a sleepy little town tucked away in the Malappuram district of Kerala, has managed to baffle scientists across the world. In a population of 2000, Kodinhi has 350 pairs of identical twins! It has rightfully earned the title of 'Twin Town.' 6 pairs of twins in every 1000 births is considered a high twinning rate. Kodinhi has a rate of 42 twins per 1000 births. This means, almost every family in Kodinhi has more than one pair of twins!



Kodinhi (Kerala)

Umri (UP)

Mohammedpur Umri village, near Allahabad has a similar tale to tell. With over 60 pairs of identical twins in a total population of 900, Umri's twinning rate is 300 times the national average and perhaps the highest in the world. Researchers believe that the cause might lie in the genes, but for others, it is the divine hand.

2. Eco-Friendly Devotion to Ganpati

(Dr B.Venkataramani, Ex Head An Chem Div, BARC; Sai Siddhi Niketan, 79/58, North Andar Street, PO-Teppakulam, Tiruchirappalli-620002)

Dear Colleagues, greetings.

Following the tradition of Maharashtra, we celebrate Ganpati for 5 days. Again, following the practice of some eco-friendly devotees, we keep metal Ganpati for the Pooja. We make our decorations, to bring awareness about environment, its conservation and protection and the need for reuse and recycle. Towards this end, we make use of used or discarded materials to make the decoration.



Dr. and Mrs. B. Venkatramani (eco-friendly Ganpati)

We bid Him farewell, (Visarjan) by immersing Him in a bucket of water, wiping Him and use the same next year. To that extent, the pollution in water bodies is less by one person, per year. Similarly their eco-friendly

celebration "Navaratri Golu [2014]" got a Prize in the Hamam-Dinakran (a Tamil magazine) Golu Dhamaka Contest conducted at the Tamilnadu level.

3. Shri Balarama Moorthy K; P-2534

AERWA is doing a very fine job in different areas - combing very useful / pertinent / current information from different sources and then bringing out in NEWS Letter for the benefit of many readers. Fabulous job being done- my dear.

Kindly note that I have credited Rs. 400 + 1116= 1516 in AERWA SBI- Ac. Rs. 400 is towards conversion fee for 'Life Member' to 'Patron' and Rs. 1116 is towards my Donation to AERWA.

4. N.K.Agarwal, Retd Chief Engr, NPCIL

Editorial team deserves appreciations for including good information regarding the special materials as well as the answer to a parliament question regarding updated tariff information from all power sources. Such information makes the issue interesting to read. Wish the team continues to make the issue more and more readable.

Message to Members

1. AERWA invites members to write views/ queries/ suggestions etc under "Letter to Editor". We shall be happy to publish them in the News Letter AERWA.

2. Direct deposit of cheque is very convenient, safe and faster way to make payments to AERWA. However, SBI does not provide information about the depositor's identity. Please inform your Name, Tel/ Mob No either by post or by email to: dr.veenasaagar@gmail.com and to: gargsp2246@gmail.com

3. Deposits in AERWA SBI A/c without any information about the Depositors:

No	Dt Credited in SBI Ac	Cheque No	Amt
1	09-Oct-13	903907	1400
2	04-Jan-14	168239	600
3	10-Sep-14	685059	1000
4	09-Oct-14	784689	1000
5	18-Oct-14	694609	400
6	18-Oct-14	694610	1500
7	25-Oct-14	4	400
8	25-Oct-14	681488	400
9	25-Oct-14	33378	1000

4. AERWA News Letter from following members have been returned undelivered: 1. P-313 Thakur G H; 2. P-246 Bhor S G; 3. P-690 Mahadevan T N; 4. P-808 Satyaranjan Kerala; 5. P-835 Paul K P Nerul; 6. L-900 Suresh Babu; 7. P-955 Patel H V, Malad; 8. L-108 Kane C D; 9. P-158 Kesav Das; 10. P-546 Tandon A N; 11. L-662 Dhavan Banganga; 12. L-745 C B Ramamurthy and 13. L-886 Smt Hinduja C J. Please inform their new addresses if available to anyone.

5. **VERY IMPORTANT:** Please note that all retirees should furnish life certificates in the month of Nov 2014 to their respective banks.

All India Consumer Price Index for Industrial Workers-AICPI (IW)

Month	CPI base 1982= 100	Twelve months total	Twelve monthly average	%increase Above 115.76 for DA/DR
Oct-13	241	2741	228.42	97.32
Nov-13	243	2766	230.50	99.12
Dec-13	239	2786	232.17	100.56
Jan-14	237	2802	233.50	101.71
Feb-14	238	2817	234.75	102.79
Mar-14	239	2832	236.00	103.87
Apr-14	242	2848	237.33	105.02
May-14	244	2864	238.67	106.17
Jun-14	246	2879	239.92	107.25
Jul-14	252	2896	241.33	108.48
Aug-14	253	2912	242.67	109.63

DA/DR has been increased by 7% (a total of 107%) wef 1/7/2014.

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If not delivered please return to:

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