

JOINT SURVEY BOARD PROCEEDINGS

5 異議

Proceedings of	A Joint Survey Board
Held at	: BOP Tuipuibari and In Area of DTRF Along International Boundary
Held on	: 1 st December, 2011 and subsequent dates
By the order of	: Ftr HQ BSF M&C order No/Ops/525/M&C/BSF/1/1409-64 of dated 21 May, 2011 and subsequent amendments
or the purpose of	: To rework the total area to be diverted from DTRF for the construction of IBB Fence and Patrol road, as per the decision taken in the 22 nd meeting of the standing committee of National Board for Wildlife held on 25th April 2011.

COMPOSITION OF THE BOARD

Presiding Officer	:	Shri Jagir Chand, 2IC, 173 BN BSF
Members	1	: Shri S S Jakhar, DC, 142 Bn BSF
		: Shri Prem Singh, AC, 173 Bn BSF
Co-opted member	1	: Shri Zirkunga Sailo, Surveyor, Land Revenue settlement, Mamit
	2	: Shri Vanlal Bera, Forest Range Officer, JTRC
	3	: Shri T Chawang, Deputy Project Manager, NBCC
	4	: Shri Dhritiman Saha, JE, NBCC

The Joint Survey Board having assembled pursuant to the above order HQ M&C FTR BSF, Proceeds to work out the total area to be diverted from DTRF for the construction of IB Fence, Patrol Road and Border out posts along IB in Mizoram.

The Joint Survey Board carried out physical survey of this entire stretch of Dampa Tiger Reserve falling along International Boundary and worked out the total area required to be diverted from Dampa Tiger Reserve for construction of IBB fence and Patrol Road. The Joint Survey Board also referred the preceding correspondence and the surveys carried out for selection/siting of Border Out Posts and opening for animal corridors along the fence line. The findings and the recommendations of the Joint Survey Board are as under:-

- The Government of Mizoram under a notification dated 7th Dec 1999 has established 500 Sq Kms composite area of Dampa Wildlife Sanctuary in Mamit District of Mizoram as a "Tiger Reserve" under the centrally sponsored scheme "Project Tiger". The copy of said notification is enclosed as Annexure "A".
- A map sheet showing the area of DTRF (Dampa Tiger Reserve Fc) is enclosed with the proceedings as Annexure "B".
- The boundary of DTRF in west follows the International Boundary between India and Bangladesh and runs along river Saza Lui/ Tulianpui starting from junction point of river Sailui and sazalui up to the point where Alivapui meets Sazalui. The grid reference of the starting point is 771598, and end point is 844277.
- The entire area is mountainous with heights ranging from 200 meters to 1000 meters and is full of dry/ wet Nullahs, thick vegetation and dense jungle mainly of bamboo.
- At present there is no habitation existing in this area and as such no tracks or approach routes are available in this area.
- In November 2004, A memorandum of understanding has been entered in between MHA (Border Management Division) and the National Building Construction Corporation Limited (NBCC Ltd) for construction 147 Kms of the IBB fence and patrol Road from Amchurimukh BP No 2300 to Marpara (BP No 2315) falling in Mizoram along IB. The project is of high degree of National importance.
- As per the previous survey conducted by NBCC through A B Consultant, Agartala, Tripura, a total stretch of 62 Kms of Fencing and Patrol Road will be constructed along International Boundary within DTRF area. NBCC has already submitted this survey report to all concerned for further course of action.

Recommendation of the Board:-

1. The Joint Survey Board recommends that the total area to be diverted from DTRF for construction of IBB Fence, Patrol Road, seven Border Out Posts and the area falling ahead of fencing (if it is also to be taken into account) will be as under:

a) Area of land strip required for construction IBB Fence and Patrol R

As per NBCC the total area of land strip required for construction of fencing and Patrol Road is as under:

	Length	Width	Area
Fencing and Road	50.60 Km	22 feet	33.93 ha
Fencing and Road	11.40 Km	65 feet	22.58 ha
Total			56.51 ha

The width of land strip for the construction of fencing and road due to topographical constraints of the area is been decided by NBCC

b) Area required for construction of seven Border Out Posts -

This joint survey is done in furtherance of the earlier surveys. Posts have been proposed within Dampa Tiger Reserve Area. As per of land is required to establish a Coy level BOP and 3.5 Acres of land is required to establish a PI level BOP. Although there is a provision to increase the area to 2.5 times the above mentioned authorization, but keeping in view the Joint Survey Board recommends not more than 5 acres of land. Thus total area required for the construction of 7 BOPs is as under:

Requirement of area for construction of 7 border out posts with

erein seven Border Out authorization, 05 Acres and is required for the the area for a BOP up the importance of DTR, each of these 7 BOPs.

DTRF

Srl No	Name of BOP	GR	Area required	Remarks
1	New Andermanik	783536	5.00 Acres (2.02 Ha)	Min requirement of area for a BOP
2	Dhanpara	787503	5.00 Acres (2.02 Ha)	Min requirement of area for a BOP
3	Zorumlui	798475	5.00 Acres (2.02 Ha)	Min requirement of area for a BOP
4	Nokata	808429	5.00 Acres (2.02 Ha)	Min requirement of area for a BOP
5	New Keislam	816371	5.00 Acres (2.02 Ha)	Min requirement of area for a BOP
6	Fangfar	829341	5.00 Acres (2.02 Ha)	Min requirement of area for a BOP
7	Chenglui	846304	5.00 Acres (2.02 Ha)	Min requirement of area for a BOP

TOTAL AREA REQUIRED FOR 7 BOPs $7 \times 2.02 = 14.14$ Ha.

The board is also of the view that fence is an obstacle which has to be kept under surveillance by carrying out intensive operational duties viz foot patrolling, vehicle patrolling, Naka/Ambush and OP all along the fence for effective domination of area as per tactics. Therefore the Board recommends that the fence has to be inside the fence i.e. towards own side to follow the basic tactics for effective domination of the area.

c) Area falling between the proposed alignment of IBB Fence and the International Boundary

As per the earlier survey carried out by NBCC through area required for the construction of seven BOPs and area of construction of Fence and Patrol Road was estimated as 69.20 Ha. The area falling in between IBB fence and International Boundary was not included in the alignment proposed in the survey of NBCC, total area falling between IBB fence and International Boundary is more than 2000 Ha. The Joint Survey Board after carrying out a survey tried to keep the proposed alignment of fence to the minimum distance from IB to keep Dampa Tiger Reserve sacrosanct and free from topographical constraints, at certain points the distance of fence from IB has gone up to 400 meters. The total area falling between the proposed alignment of fence and IB is 1448.925 Ha, though there may be slight difficulty to measure the exact area due thick vegetation, difficult terrain. A sketch showing the details of fence, patrol road and DTR area is attached as annexure-c. The details of area falling under:

DETAILS OF TOTAL AREA FALLING BETWEEN PROPOSED ALIGNMENT OF FENCE AND INTERNATIONAL BOUNDARY

A B Consultants, the total area of land strip required for the fencing in which the area falling between IBB fence and IB is included. As per the fencing survey of DTR, has not prescribed limit of distance between fence and IB. However, due to proposed alignment of fence the proposed alignment has deviations since it is very difficult to measure the exact area due to forest and undulating terrain. Even BOPs falling within the area between fence and IB is as follows:

IBB FENCE AND BOPs

GR at points taken on IB	Length of fencing stretch along IB (Mtrs)	Distance between fence alignment and IB	Area (Sq m)	of the stretch
A-771598	4830	150	72450	
B-753553	1300	250	32500	
C-764550	1250	200	25000	
D-757543	730	300	21900	
E-759535	890	400	35600	
F-761543	2230	150	33450	
G-776533	2300	150	34500	
H-768521	1330	250	33250	
I-769507	450	300	13500	
J-768504	400	200	80000	

K-770507	1350	400	40000	520
L-778496	850	150	7500	520
M-780500	1030	200	60000	520
N-786489	1170	150	5500	520
O-790484	1150	300	5000	520
P-788475	1450	200	0000	520
Q-789469	2550	150	2500	520
R-795457	800	300	0000	520
S-793459	1230	300	1000	520
T-791454	1130	175	750	520
U-792445	1900	200	000	520
V-791434	900	150	1000	520
W-796431	1850	300	5000	520
X-796419	2250	350	7500	520
Y-803411	1750	200	0000	520
Z-803403	1850	200	1000	520
AA-801399	1530	250	7500	520
AB-799383	1030	250	0000	520
AC-806376	1850	300	1000	520
AD-804369	2350	200	0000	520
AE-815362	1550	250	1000	520
AF-810352	2300	355	0000	520
AG-811341	2650	350	1000	520
AH-819319	790	200	0000	520
AI-832324	1690	200	1000	520
AJ-834302	2290	250	0000	520
AK-841289	2230	200	1000	520
AL-840276	3130	200	0000	520
			4 250	

TOTAL AREA

1448.925

Note

* The points A to Z and AA to AL are the points taken on Internal Boundary as shown in the sketch attached as Annexure 'C'

* The points A' to Z' and AA' to AL' are the points on proposed alignment of IBB Fence as shown in the sketch attached as Annexure- 'C'

* G.R.s are corresponding to M.S. No. 84 A/6 and 84 A/7 and scale is 1:50,000.

2. Total area required to be diverted from DTR for the construction of IBB Fence and Patrol Road (If area falling in between IBB fence and IB has also to be taken into account) = Area of land strip required for construction of IBB fencing and Patrol road + Area required for

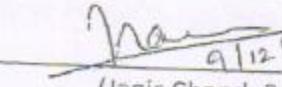
construction of seven Border Out Posts + Area falling between the proposed alignment of IBB Fence and the International Boundary

Thus Total area = 56.51 Ha + 14.14 Ha + 1448.925 Ha = 1519.55 Ha (Say 1520 Ha) S 90

3. During joint survey, the location of the animal corridors was deliberated upon and Joint Survey Board is in agreement with the animal corridors proposed earlier in the preceding surveys and reports to facilitate free movement of migratory animals. However these gaps will be covered by proper motorable road without any fencing. The proposed corridors are as under:-

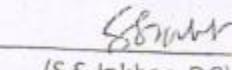
Corridor No	GR.	Width	Remarks
1	754567	100 mtrs	Point of convergence of river Chhimlui with River Sazai Lui a natural corridor for free movement of animals.
2	757553	100mtrs	Point of convergence of river ultacherra with River Sazai Lui
3	785489	300mtrs	This is the point of convergence of river Dam Chhera with Sajak Lui. This makes a natural wide opening which will facilitate free movement of wild life.
4	789469	300mtrs	This is the convergence point of Seling lui river so creates a natural wide opening for wild life.
5	798415	300mtrs	This is the convergence point of Chhimluang river with Sajai Lui life.
6	815334	300mtrs	This is the convergence point of Keislam Lui with Sajai Lui river.
7	840276	300mtrs	This is convergence point of Aivapui Lui with Sajai Lui river and creates a natural opening for wild life.

Presiding Officer:


9/12/11
(Jagir Chand, 2)

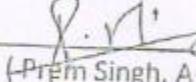
Member

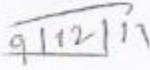
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9/12/11
(S S Jakhar, DC)

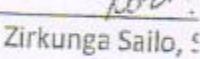
Co-opted Members

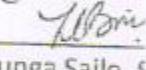
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(Prem Singh, A)

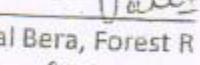

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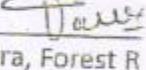
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(Zirkunga Sailo, S)

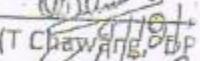

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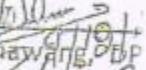
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9/12/11
(Vanlal Bera, Forest R)

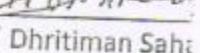

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(T Chawang, DDP)


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(Dhrithiman Saha)


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