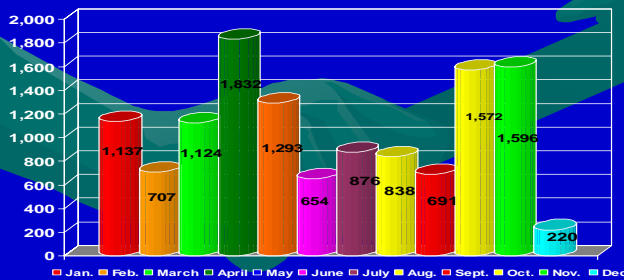




### HUMANITARIAN DEMINING OPERATION RESULTS 2005

DESCRIPTION	PLANIFICATION	DESTROYED	%
MINES DESTROYED	14,592	12,540	85.93
SITES DEMINED	63	34	53.96
FRONTIER DEMINED (KM)	54	36	68.51
EXPLOSIVE DEVICES (UXO's)		14,945	
CLEARED LAND (m <sup>2</sup> )		353,562	
DEMINED MUNICIPALITIES: Waspan, Bluefields Total :02	BENEFICIARY POPULATION 15,000 Hab		

### 2005 DEMINING OPERATIONS MONTHLY PROGRESS.



- PLANIFIED : 14,592 M
- MONTHLY AVERAGE PLANIFIED : 1,216 M
- ACCOMPLISHED : 12,540 M
- PERFORMANCEO : 85.93%

**MOST RELEVANT IMPACTS  
IN THE 2005 DESMINING OPERATIONS**

- ★ TWO ACCIDENTS ON FEBRUARY AND DECEMBER WHILE THE FOD-3 WAS OPERATING. THE PSYCHOLOGICAL IMPACT AND THE INCREMENT IN THE SAFETY MEASURES DIMINISHED THEIR PERFORMANCE.
- ★ DIFFICULTIES OF VISIBILITY AS A RESULT OF FOREST FIRES ON FEBRUARY - MAY (GREENHOUSE EFFECT), DIMINISHED EFFECTIVE OPERATING TIME BY 15%.
- ★ MORE INTENSE RAINY SEASON THAN ANNUAL AVERAGE, SPECIFICALLY NICARAGUA'S NORTH CENTRAL REGION, DECREASING UP TO 20% EFFICIENT OPERATING WORKING TIME OF SOME PP.UU.
- ★ TECHNICAL DETERIORATION OF DEMINING MACHINE (MACHINES 002 AND 001 WERW OUT OF SERVICE FOR A TIME PERIOD OF 4 MONTHS EACH) AS A RESULT OF SET BACKS TO IMPORT SPARE PARTS AND REPAIR ACCESSORIES NECESSARY TO IMPROVE TECHNICAL PARAMETERS (LESSEMED BY 20% OF THE WORK ASSIGNED TO THE DEMINING MACHINE).
- ★ DELAYS IN THE ACQUISITION PROCESS AND BEGUINING OF OPERATIONS OF TH NEW MODERNIZED DEMINING MACHINE, FORESEEN TO BE INCORPORATED ON JULY/05, BUT ACCOMPLISHED UNTIL JANUARY/06 (LESSEMED BY 30% OF THE WORK PLANIFIED WITH THE DEMINING MACHINE).

**Continuation**

- ★ CRITICAL INVENTORY LIMITATIONS OF MINE DETECTORS LESS OPERATIONS DUE TO DIMINISHED TECHNICAL PARAMETERS REQUIRED FOR THE HUMANITARIAN DEMINING (WE END UP THE YEAR WITH 40% OF THE OPERATIONAL CAPACITY, WITH 10 SAPPER SQUADS OUT OF 25 AVAILABLE) STILL UNSOLVED.
- ★ SERIOUS DIFFICULTIES OF ACCESS AREAS OF OPERATIONS, RESULTING IN HIGH DAMAGE OF THE TRANSPORTS TECHNIQUE AND INCREASING TIREDNESS OF THE PERSONNEL.
- ★ DELAYS IN THE FOD-5's OPERATION IN THE RAAN REGION DUE TO THE ASSEMBLY OF AN EXPENSIVE AUTONOMOUS MEDICAL (SURGEY TENT AND INSTABILITY OF THE MEDIAL STAFF), THE NEED OF EQUIPMENT WITH SPECIAL NAVIGATION SYSTEM, DIFFICULTIES WITH TRANSPORTING/CAMPS BECAUSE OF THE IMPACT OF HURRICANE BETA THAT PARALYZE THE TRANSPORT TO BONANZA (IT AFFECTED 50% OF THE OPERATIONAL PLANIFICATION)
- ★ IT IS VITAL TO FULLY COMPLETE AND RENEW THE PROTECTION EQUIPMENTS OF ALL DEMINING UNITS IN ORDER TO KEEP OPERATIONAL ALL FORCES AVAILABLE (WE HAVE 60% OF OPERATIONAL EQUIPMENT IN GOOD CONDITIONS)





**PROGRESS IN THE CONSTRUCTION AND/O REPAIRMENT OF RURAL ROADS**

**PROJECTION OF OPERATIONS  
2006 HUMANITARIAN DEMNING**

<i>DESCRIPTION</i>	<i>PLANIIFICATION</i>	<i>OBSERVATIONS</i>
<i>MINES TO BE DESTROYED</i>	15,391	2,052 MINES BELONG TO YEAR 2005
<i>PLANIFIED SITIES</i>	56	
<i>FRONTIER TO DEMINE (KM)</i>	58	
<i>EXPLOSIVE DEVICES</i>	-	
<i>MUNICIPALITIES IN WHICH THE DEMINING IS GOING ON: BONANZA, ROSITA, WIWILI DE N.S., WIWILI DE JINOTEGA, MURRA, JALAPA, SAN FERNANDO, MOZONTE, JINOTEGA AND LA DALIA</i>	<i>BENEFICIARY POPULATION</i> 15,500 Hab. Approximately	

**TOTAL :10 MUNICIPALITIES**

2006 DEMINING OPERATIONS CHRONOGRAM																				
N/O	UNIT.	OBJECTIVES	COORD.	MINES (QTY)	QTY	2006 PLANIFICACION														
						OBJ	E	F	M	A	M	J	J	A	S	O	N	D		
		CERRO LA EXPLOSION	2069	126	1															
		CUCHILLA EL ZAPOTE III	1968-1 Y 7 1965-5	680	1															
1	FOD 1	CUCHILLA LA CHAMUSCADA	1968-5,9,1	1,329	1	37.44%														
		RIO CIPRESAL	1966-1,3	365	1															
		<b>SUB TOTAL</b>		<b>2,500</b>	<b>4</b>															
		RAPIDO EL BOQUETE	3032-4		1	ACI														
		LA BOA EL SALTITO	2931-3 3029-7	1,461	1	7.72%														
2	FOD 2	BOCA DE POTECA BOCA DE WAMBLAN	2935-1 3136-3	558	2															
		BOCA DE WAMBLAN ELEVACION 501	3237-8 3336-2	481	1															
		<b>SUB TOTAL</b>		<b>2,500</b>	<b>5</b>															
3	FOD 3	LEONA -EL SALTITO	3127-7 2530-7	2,192	4	18.93%	(1 SITE CLEARED)													
		<b>SUB TOTAL</b>		<b>2,192</b>	<b>4</b>															
		EL BOSQUE CASA QUEMADA	3681 4793	52	7															
4	FOD 4	LAS PAMPAS - BOQUERON	4310 4112	606	17	3.31%														
		BOQUERON LA CAPILLA	4112 4113	1,846	9															
		<b>SUB TOTAL</b>		<b>2,504</b>	<b>33</b>															

N/O	UNIDAD	OBJETIVOS	COORD.	CANT. MINAS	CAN	PLANIFICACION 2006															
						OBJ	E	F	M	A	M	J	J	A	S	O	N	D			
		VESUBIO (BONANZA - RAAN)	4650	852	1																
5	FOD 5	S/E SALTO GRANDE (con apoyo de DBM)	5656	860	1	13.32%															
		PROFONICSA	5050	600	1	Support with one squad for ACI															
		<b>SUB TOTAL</b>		<b>2,312</b>	<b>3</b>																
		SN. ANT DE LAS CUCHILLAS 001,002	6625	-	1	ACI (50%)															
6	DBM	MACIZO PENAS BLANCAS 001,002	6640	1,600	1																
		PROFONICSA 003	5050	848	1																
		SALTO GRANDE 003	5556	-	1															Back up FO-5	
		RIO CIPRESAL 001,002	1966	435	1															Back up FOD-1	
		<b>SUB TOTAL</b>		<b>2,883</b>	<b>5</b>																
		ESCUELA ARENALES	2415-4	-	1	Through advertisers F/R															
7	D/S	ZACATERAS	4014-4	500	1															Through advertisers F/R	
		ATTENTION OF ADVERTISERS (UXOS)																			
		<b>SUB TOTAL</b>		<b>500</b>	<b>2</b>																
8	CDM	ACI SUPPORT TO FOD'S AND DBM AND ANALYSIS LEVEL I.																			
<b>GRAND GENERAL</b>			<b>15,391 MINES</b>		<b>• PROGRESS (31/03/06): 1,987 MINES</b>																
<b>MONTHLY AVERAGE</b>			<b>1,283 MINAS</b>		<b>• PERCENTAGE : 12.91%</b>																

## CRUTIAL ASPECTS IN THE OPERATIONS OF THE 2006 PLAN

- ➔ URGENT NEED COMPLETE THE EQUIPMENT FOR 30 TEAMS (SQUADS) WITH MINE DETECTORS AND SAFETY DEVICES (80 MINE DETECTORS, 300 GOGLES, 300 PAIRS OF PROTECTION BOOTS, 150 VEST AND 100 PANTS)
- ➔ DEALING WITH ADVERTISERS OF LARGE AREAS WITH MINES (NOT MINE FIELDS), WITHOUT ANY TYPE OF DELIMITATION, NOR INSTALLATION PATTERN AND WITH HEAVY VEGETATION.
- ➔ MINES REMAINING FROM OPERATIONAL PLANICATION, AS A RESULT FROM EQUIPMENT LIMITATIONS, DEALING OF ADVERTISERS AND AREAS WITH DIFFICULT ACCESS.
- ➔ URGENT REPAIR AND RENEWAL OF THE TRANSPORTATION FLEET, SPECIALLY TRUCKS TO SECURE MOVILIZATIONS, DELIVERY OF PROVISIONS AND PERSONEL TRANSPORTATION TO THE OPERATIONAL LACATIONS.

## CRUTIAL ASPECTS (TECHNICALS)

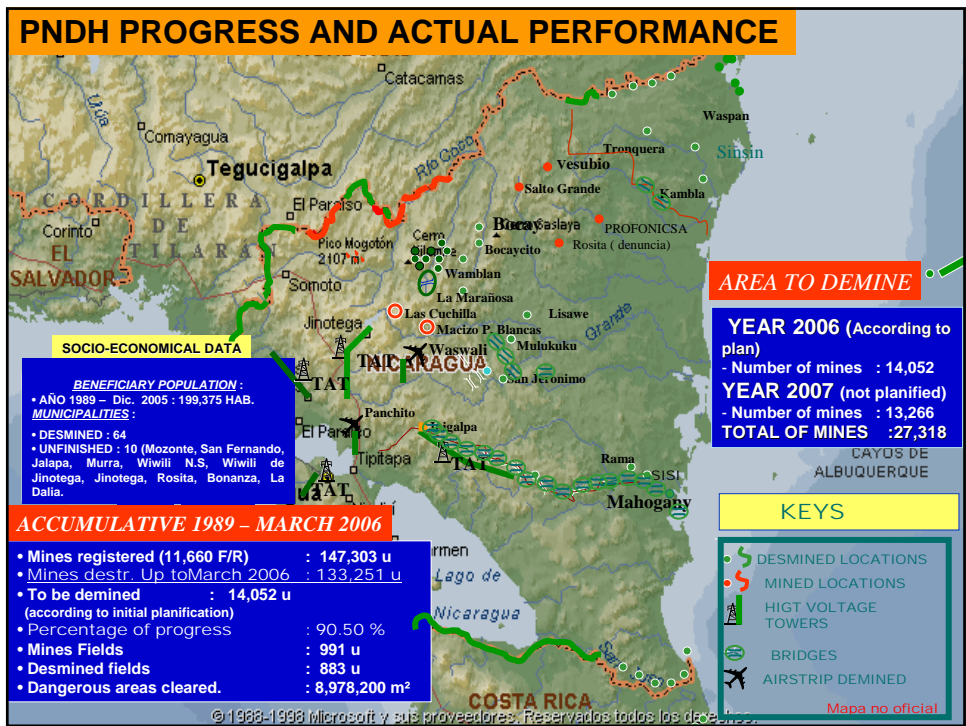
- ☀ DETECTORS WITH HIGHER TECHNICAL CAPATICY (VALOON, MINELAB, ETC) ARE REQUIRED IN ORDEN TO WORK IN CF (MINED FIELDS) WITHOUT DELIMITATION, MINES WITH LOW METALIC CONTENT AND GREATER DEPH.
- ☀ THE LOWER TECHNICAL PARAMETERS OF THE DETECTION DEVICES, COMPELS THE INTERNATIONAL SUPERVISERS TO THE STRENGTHENING OF THE SAFETY STANDARDS, CAUSING THE DIMINISHING OF THE PROGRESS RATE.
- ☀ IT IS REQUIRED TO RENEW AND INCREASE THE STOCK OF SAFETY DEVICES AVAILABLE AT THIS MOMENT.
- ☀ IT IS REQUIRED TO REINFORCE THE MEDICAL EVACUATION SYSTEM.
  - COMPLETE MEDICAL EQUIPMENT
  - ENHANCE THE EQUIPMENT OF RETREATMENT PROCEDURE.
  - PERIODICAL PRACTICES WITH THE AERIAL MEANS.

## TARGET

- ★ COMPLETION OF SPECIAL EQUIPMENT
  - 60-65 DETECTORS (15 PER FOD PLUS 20% FOR REPLACEMENT)
  - 150-200 FULL PROTECTION EQUIPMENT
  - DETONATING FUSE ( RUN OUT)
  - TECHNICAL RENEWAL OF DETECTORS
  - REINFORCING OF THE AERIAL RETREATMENT MEDICAL PROCEDURE.
- ★ ACCUMULATIVE DELAYS OF THE PNDH (2005-2006) REQUIRES TO CONSIDER A CONTINGENT 2007 PLAN WITH THE ACTUAL STRUCTURE (POST PONE DEMOBILIZATION PLAN).
- ★ MAINTAIN THE CHAPULIN (MANTIS) PROGRAM BACKING UP THE MECHANIZED MINESWEEPER DETACHMENT (DBM).
- ★ MAINTAIN THE MINE DETECTION DOGS BACKING UP THE OPERATIONS OF THE MANUAL DETECTION TECHNIQUE (TDM) AND THE HEAVY EQUIPMENT DETECTION TECHNIQUE (TDEP).
- ★ RELOCATE THE FOD-5 TO MOZONTE (2007).

## CONCLUSIONS

- ★ RECEPTION OF NEW EQUIPMENT WILL GIVE US LARGER AND IMPROVED TECHNICAL CAPACITY, IT WILL ALSO ALLOW US TO ORGANIZE THE WORKING TEAMS THAT AT THIS MOMENT ARE NOT WORKING FOR LACK OF DEVICES (DETECTORS)
- ★ IMPROVED PRODUCTIVITY – EFFECTIVENSSS RESULTING OF RAPID ACCESS TO THE MINED TERRITORIES AS A RESULT OF THE CONSTRUCTION AND REPAIRS OF ROADS (PUBLIC ROADS) MADE WITH THE JAPAN AND DENMARK COOPERATION.
- ★ APPROACHING OF AERIAL MEDICAL RETREATMENT (HELICOPTERS), WOULD ALLOW TO IMPROVE THE TIMING RESPONSE IN THE RAINY SEASON.



# THANK YOU