

# **ROAD BOOK**

4° 20'

600

600

590

590

590

4º 30'

31° 30'

- 498

31° 20' 4º 30'

100

ის-ს-ს-ს-ე ROADBOOK

**ANGEL OFFROAD TRAINING** 4° 20'

600

31° 20'

R!º Princ!º nº 21 de Meknès à Rissani

610.

610

4º 10'

1 . 30'

# ROADBOOK

4º 30

31º 30'

- 490

31° 20' 4º 30' 590

A road book is a detailed description of a route to follow in table form.

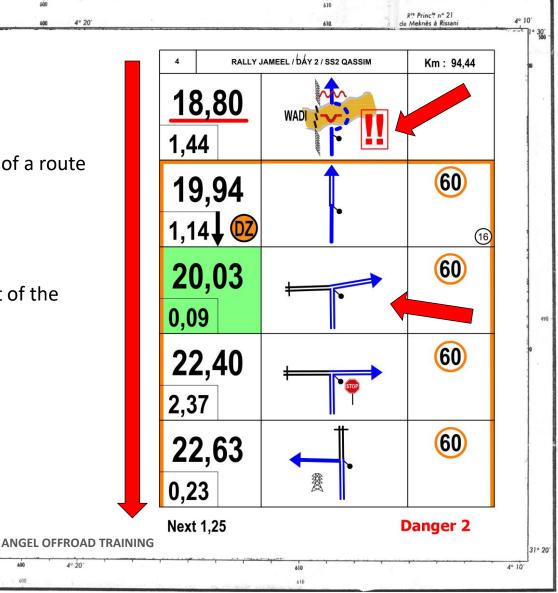
4° 20'

4º 20

Reading direction is top to bottom

Each line describes a significant point of the stage as :

- Cross roads
- change of direction
- Dangerous points...



#### 590 610 R<sup>!</sup>? Princ<sup>!</sup>? n° 21 de Meknès à Rissani 4º 10' 4° 20' 4º 30 610. 31º 30' HOW IS IT MADE ? The road book is made up of rows and columns. Each row contains three columns. RALLY JAMEEL / DAY 2 / SS2 QASSIM Km: 94,44 DSS 0,00 498 0,00 (16) Graphical representation of Partial and Other information where you are and showing total mileage the direction to follow. 31º 20' 31° 20' 4º 30 4º 20' 4º 10' 610 610

31° 30' [	30.	590 600 590 600	610 4° 20' 610 A° 21 610 610 610 610 610 610 610 61
100-		1 2	<b>3</b>
-		1 RALLY JAMEEL / DA	2 / SS2 QASSIM Km : 94,44
		<sup>4</sup> 0,00 <sup></sup> #	DSS
1 1		0,00 <b>S</b> =	<b></b> + 8 (16) 9
8 -	1	Roadbook page number	6 Placeholder for waypoint icon
	2	Roadbook header with stage number / name	7 Graphic information
-	3	Total kilometers from the start to the finish	8 Description box
-	4	Total kilometer at the corresponding diagram box	9 Placeholder for waypoint number Here : waypoint 16 (DSS)
-	5	Partial kilometer from previous diagram box	
31° 20'	30'	590 400	4° 20' 610 4° 10' 4° 10'

			Waypoint	Opening Radius	Validation Radius in n
			WPE	Prev (1000 m)	90
WAYPOINTS		M M	WPN	800 m	200
M	Masked WP	Navigation WP	WPM	800 m	90
	Control WP	Naviç	WPS	1000 m	30
			WPC	None	300
S	Security WP		WPP	100 m	20
	Navigation WP	A N	СР	Prev (1000 m)	90
			WPV	Open	200
P	Precise WP		DSS	Prev (1000 m)	200
V	Visible WP	Start/Finish/Zone WP	ASS	800 m	90
-		/ hsir	DZ	1000 m (Prev)	90
E	Eclipse WP	Lit / Fir	FZ	Prev (1000 m)	90
(1)	Waypoint number	Sta	DN/DT	1000 m (Prev)	90
			FN/FT	Prev (1000 m)	90
		Prev (1000 m	) = previous wayp	e previous waypoint was missed	
		1000 m (Prev	) = within a radiu	chever distance is shorter.	

490

4º 10' 4° 10 300 °1

4º 10'

31° 20'

4° 20'

600

600

R<sup>!</sup> Princ<sup>!</sup> n° 21 de Meknès à Rissani

4º 10'

30

490

610

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## **ROADBOOK SYMBOLS**

590

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4° 30'

31° 30'

- 490

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	TRACKS	WAYPOINTS		ON TRACK		SYMBOLS	
	Tarmac road		Masked WP	~	Bump	<b>H</b>	Fence
$\longrightarrow$	Track Piste	C	Control WP	~	Dip hole	****	Barbed fence
	Off track (HP)	S	Security WP	_ <u>_</u>	Compression		Rail road
>	Low visible track / traces		Navigation WP	~	Ditch	$\otimes$	Hole
Р	Track Piste	P	Precise WP	5	Summit		Collapse, ditch, ravine, etc.
PP	Principal track/ piste	V	Visible WP	ĴĹ.	Above bridge	333	Ruts
RO	Road	E	Eclipse WP	Ť	Under bridge	5	Twisty / sinuous
P//	Parallel track/piste	1	Waypoint number	4	Step up	M	Bumpy / broken
HP	Off track Sight driving!	c	ONTROLS	1	Step down	M	Bumpy
HР	Off track forbidden	💌 DSS	Start Selective Section	25	Up hill Down hill	40	Lateral inclination
FPP	Follow principal track/piste	ASS 🚳	Arrival Selective Section	~	Cut danger		Post
FRO	Follow road	CP	Check point	F	Right or Left over crest	†	Electric pole
SA	Sandy	ON FN	Start/Finish Neutralisation	<b>Ⅲ</b> ↑Ⅲ	Fence gate	1111	Electric line
GV	Gravel	DN	Start neutralisation with speed limit	≡,‡≡	Fence with cattle gate	當	High voltage tower
	SAFETY	OTFT	Start/Finish Transfer	-1-	Wall gate	Ť	Antenna
1	Danger Level 1	OT	Start transfer with speed limit		Wading / water cross	Î	Well
	Danger Level 2	T:25	Neut./transfer max. time allowed	đ	Concrete pass	APPA	Tanks
111	Danger Level 3		Waiting for restart		CAPS	800	Barrels
	Global danger in the note		Stop for restart	CAP	Exit cap	00	Notable elements
DZ 40	Start Speed limit	M/Q/ T3/T4	Fuel zone with authorized cat.	CAP	Average cap	90	Tires
FZ 40	Finish Speed limit	Ø	Time control	CAP	Calculated cap (only HP)	7¤9	Sign posts
	Stop		Assistance Service	OBLIC	Cap that turns	Ø0	Restricted/protected area
Δ	Important		Tyre marking zone				Buildings / houses
25,25	Red line under km = danger 2 in the note		End zone			Å 🌲	Church / mosque

51	YMBOLS	SYMBOLS		ABBREVIATIONS		ABBREVIATIONS	
۳ſĿ	Ruine / abandoned		Small wadi	VG	Vegetation	EFF	Collapsed
1	Fort / castle		Large wadi	L/R	Left and Right	ORN	Ruts
ţţţ	Cemetery		Sandy wadi	R/L	Right and Left	BAD	Bad
V	Village		River (water)	onL	On left	RP	Rejoin
	Bivouac	$\bigcirc$	Lake / puddle	onR	On right	BTW	Between
9	Tunnel	-	Plain / chott	kpL	Keep to the left	MODIF	Modification from Opening Car
• <b></b> >	Pipeline	↦	Towards / direction	kpR	Keep to the right	NEW NOTE	New note from Opening Car
	Wall	Â	Road works	kpS	Keep straight	BIG	Written as text
CAMP	Native / local	~	Reset / recal trip	-V	Less visible*	FOLLOW	(English)
<b>.</b>	Petrol station & type of fuel	300m	Distance	±V	More/less visible		
*	Monument	DUNES / SAND		ALT	Alternance		
<b>A A</b>	Animals individual	-	Sandy plain	1	During		
A	Animals		Big bowl "cuvette"	IN	In / into	1	
æ	Cairn	4	Sand spit	ET	And / next		
-00	Rocks	-	Dune	Α	At	1	
	Mountain	^	Broken dune	CX	Stone / stony		
* 9	Tree	-195	Dunes	E3	Narrow*		
*	Palm tree	DN	Dune	QT	Quit / leave*	-	
WWW	Camel grass	DNX	Many dunes	TJS	Always	1	
¥ ¥ ¥	Vegetation	DNT	Small dune "dunette"	NBX	Many	1	
<u></u>	Slope	L1 L2 L3	Dunes difficulty level	IMP	Imperative	1	

610

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#### ANGEL OFFROAD TRAINING 4º 20'

600

600

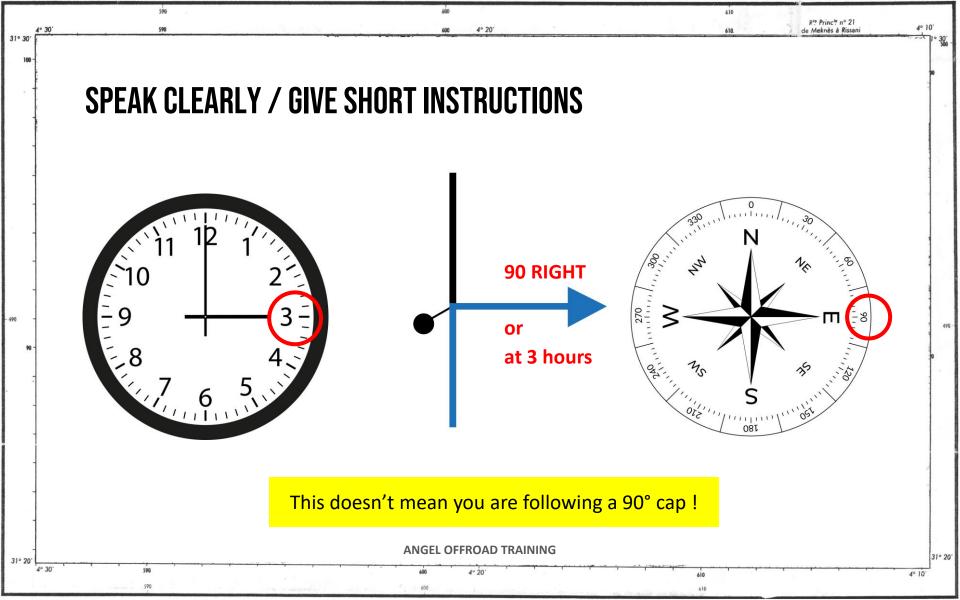
31° 20' 4º 30'

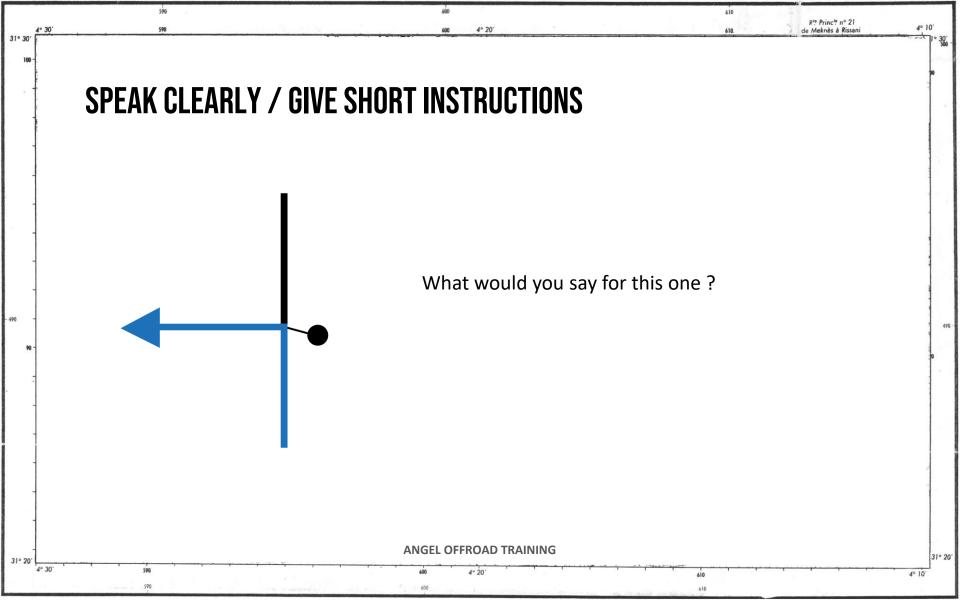
590

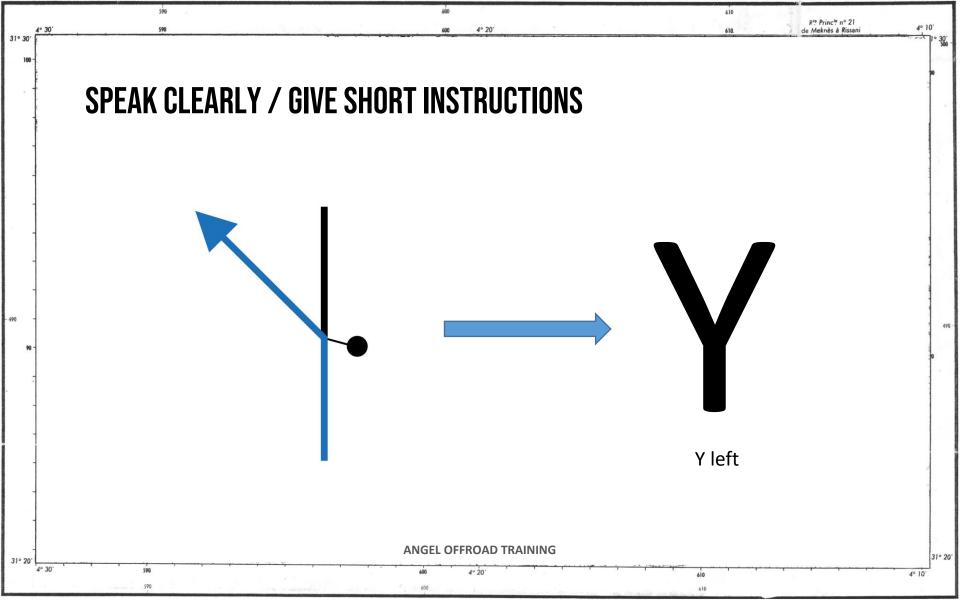
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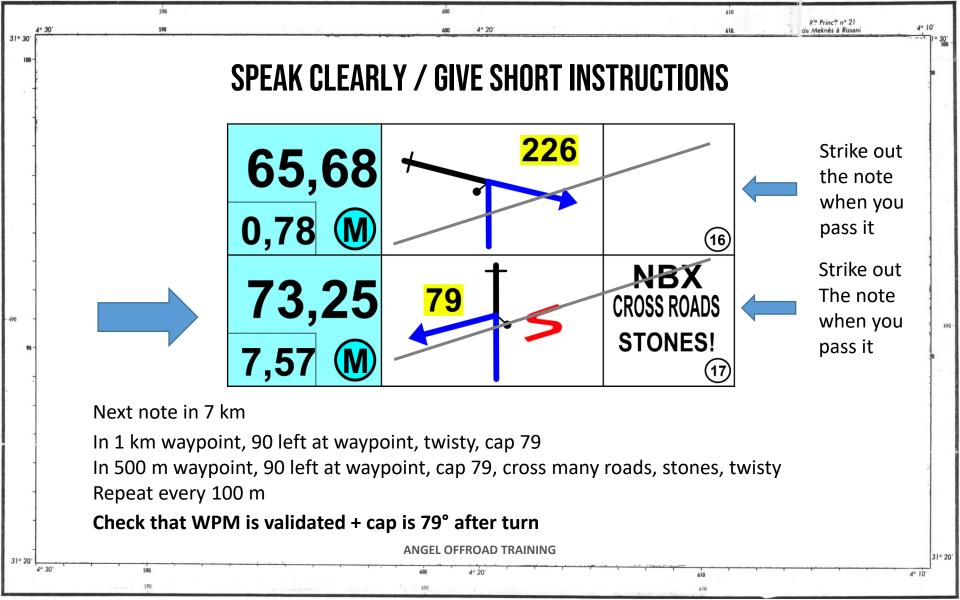
31° 20'

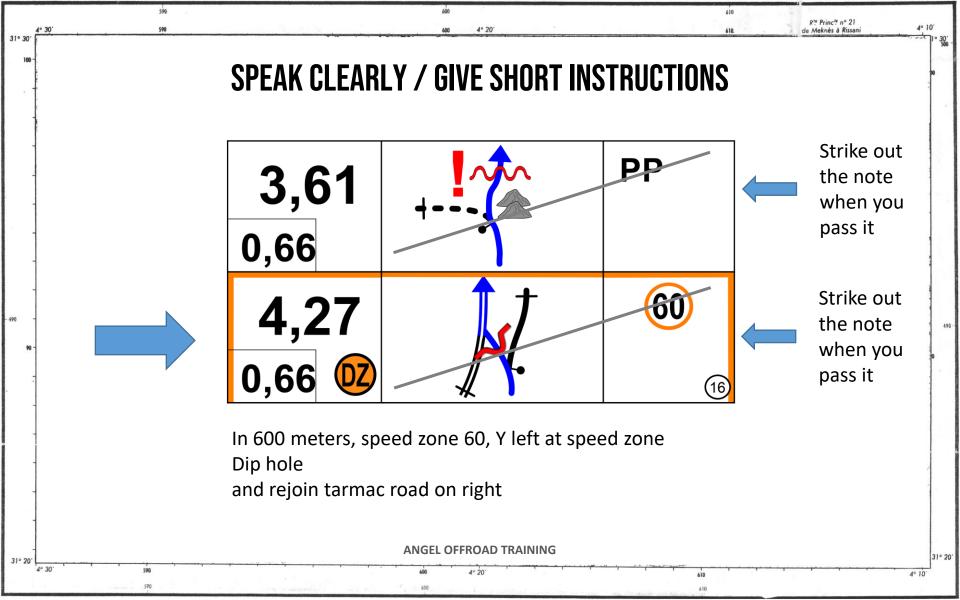


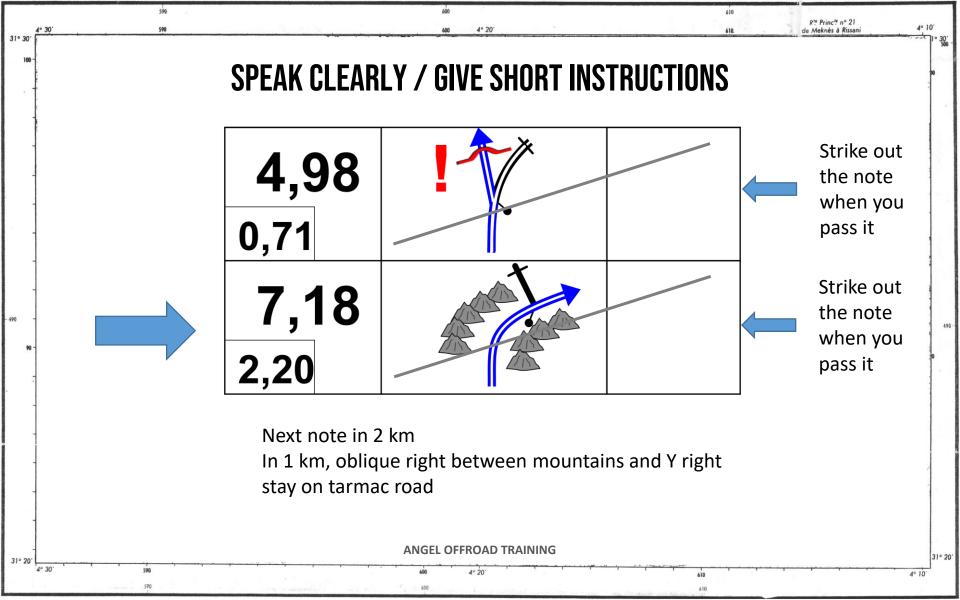


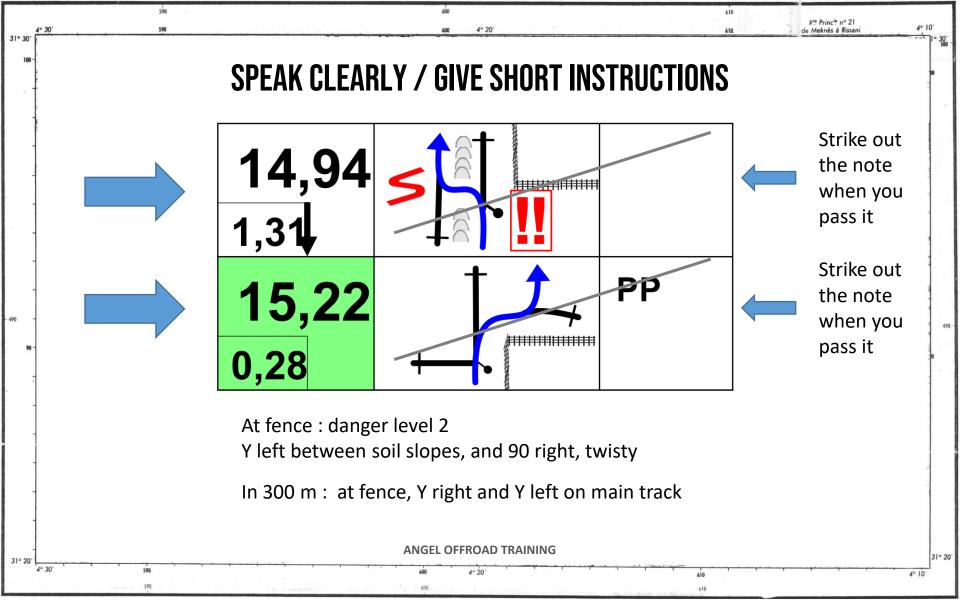












# **PREPARE YOUR ROADBOOK**

You will receive the roadbook for the next day's stage the day before.

You have time to make some checks :

- Check that no page is missing
- and that they are in the right order
- Even if the roadbook is already in color, I suggest you highlight directions
- Make corrections if they are some

310 20

610

R<sup>1</sup>e Princ<sup>le</sup> nº 21 de Meknès à Rissan

## **COMMUNICATION IN THE TEAM**

#### **CO-DRIVER**

4º 30

31º 30

31° 20'

590

- Don't announce a note too early Driver won't remember it
- Announce a note 1 km before
  repeats it 500 m before
  then every 100 m
- Be clear : use words that both of you understand clearly

#### DRIVER

4º 20'

• Train your eyes with distances Download an odometer app

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610.

Rte Princte nº 21

de Meknès à Rissani

4º 10'

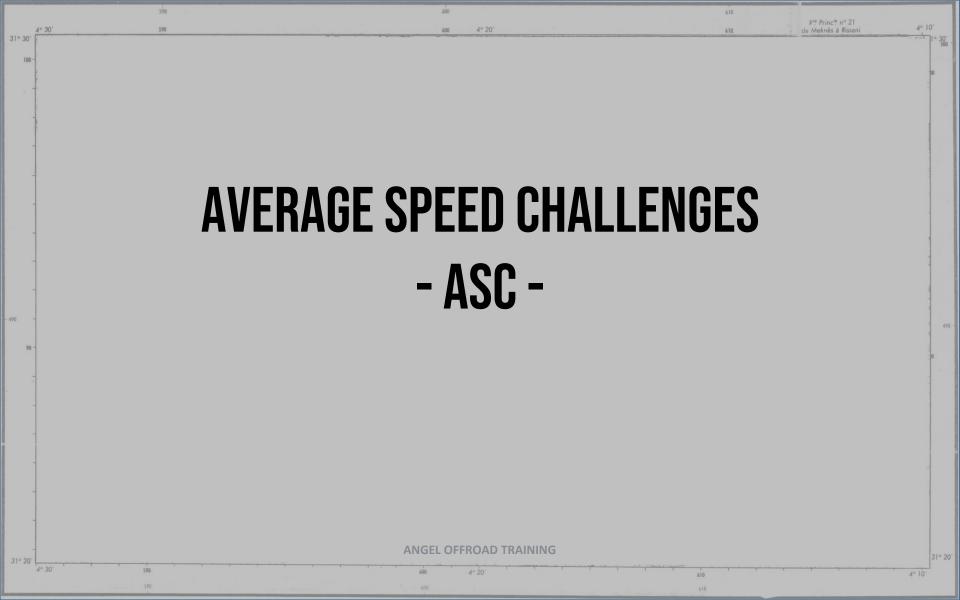
• Confirm that you saw the note announced by the co-driver

610

Communication is part of the success

4º 20'

4º 10'



## **AVERAGE SPEED : WHAT IS IT ?**

## How it works ?

596

- Drive at an average speed between 2 virtual control points marked in the roadbook
- Pay attention to regularity and navigation
- Be at the average imposed at the timed place
- 1 or more average speed challenges in the same day
- Stella device calculates the average speed maintained

## Important to know

- Car odometers are not accurate
- Setting the cruise control is not going to work !

## Tools

Roadbook

610

Rte Princle nº 21

de Meknès à Rissan

- Stabilos
- Stopwatch
- Calculator

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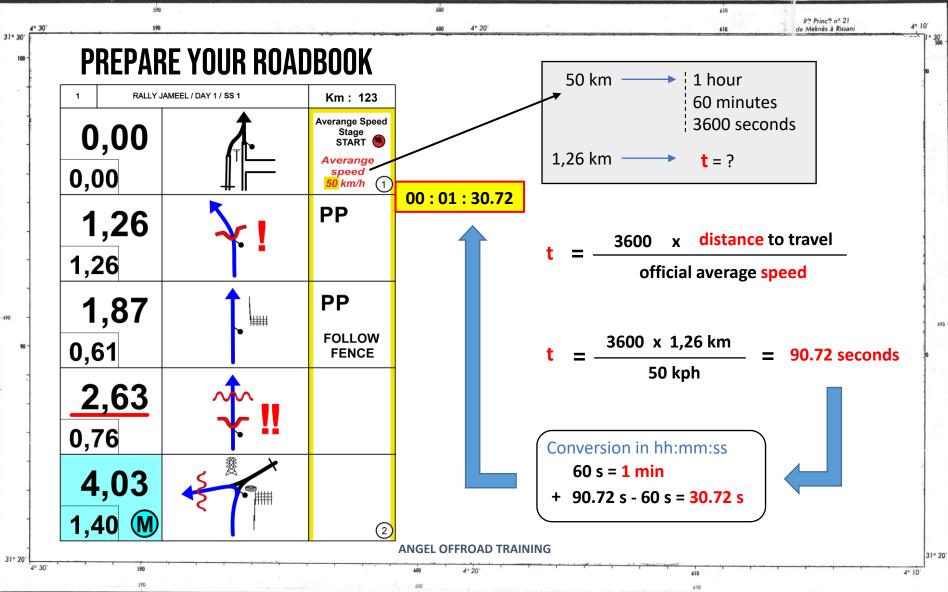
Stella device

#### ANGEL OFFROAD TRAINING

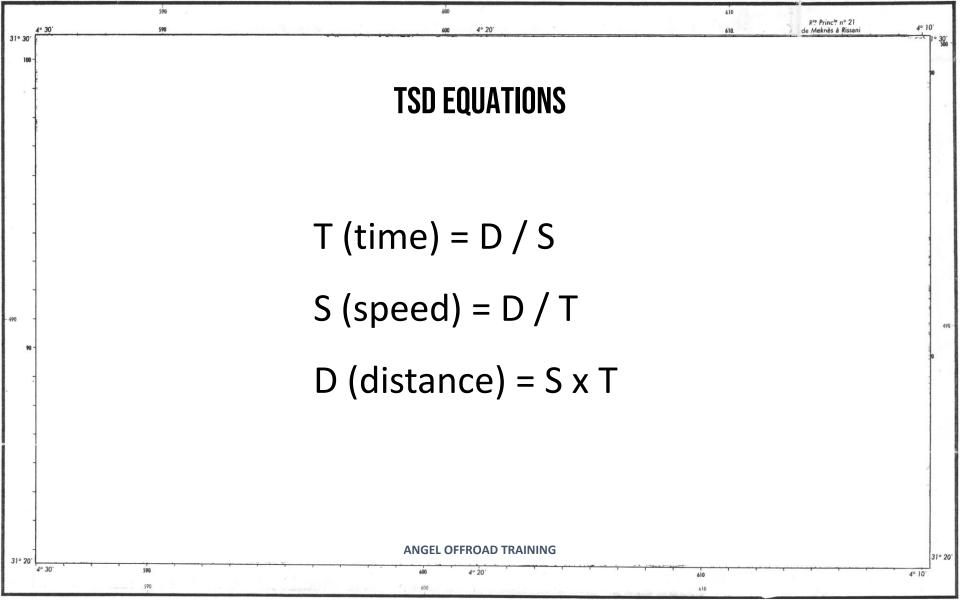
4º 20'

4º 10'

31º 20



- 490



## **COMMUNICATION IN THE TEAM**

**CO-DRIVER** 

31º 30

31° 20

590

- Constantly juggles between the roadbook, the Stella and the stopwatch
- Announce the average speed to maintain
- Announce next note 1 km before
  - repeats it 500 m before
  - then every 100 m
- Inform the pilot of the advance or delay.

Communication is part of the success

## DRIVER

4° 20'

- Monitors average speed
- Report all visible intersections as soon as possible.

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610.

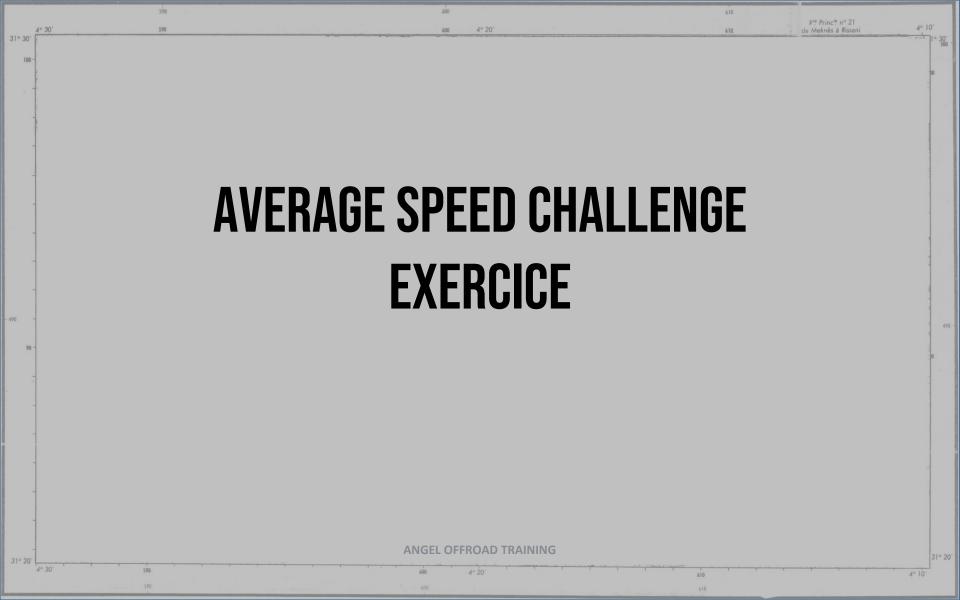
Rte Princte nº 21

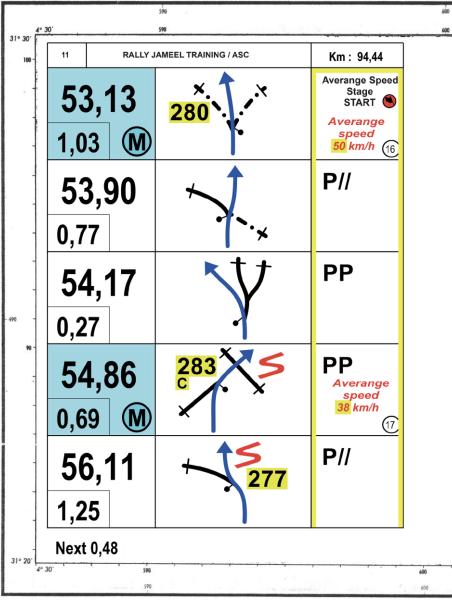
de Meknès à Rissani

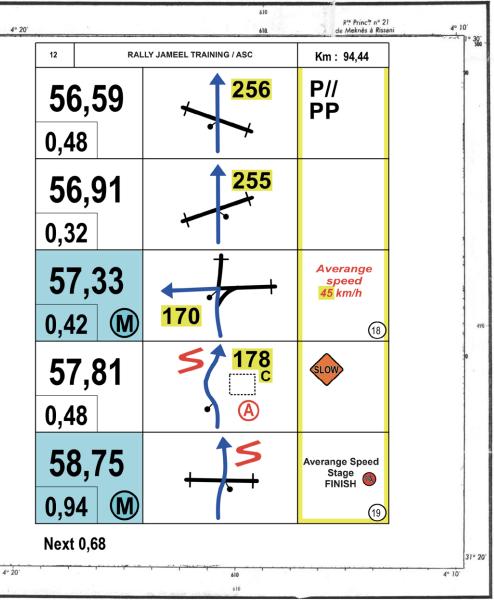
4º 10'

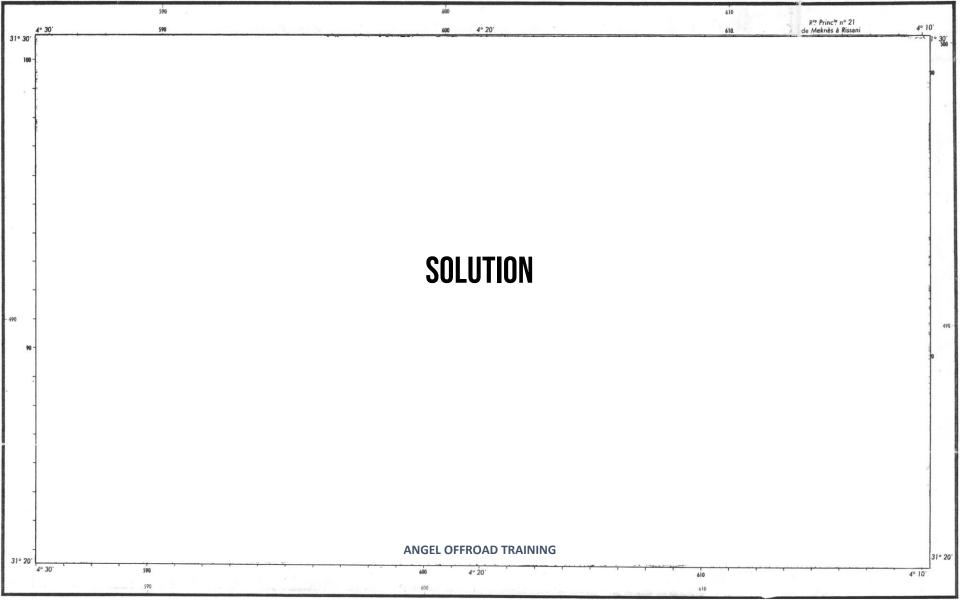
#### ANGEL OFFROAD TRAINING 4º 20

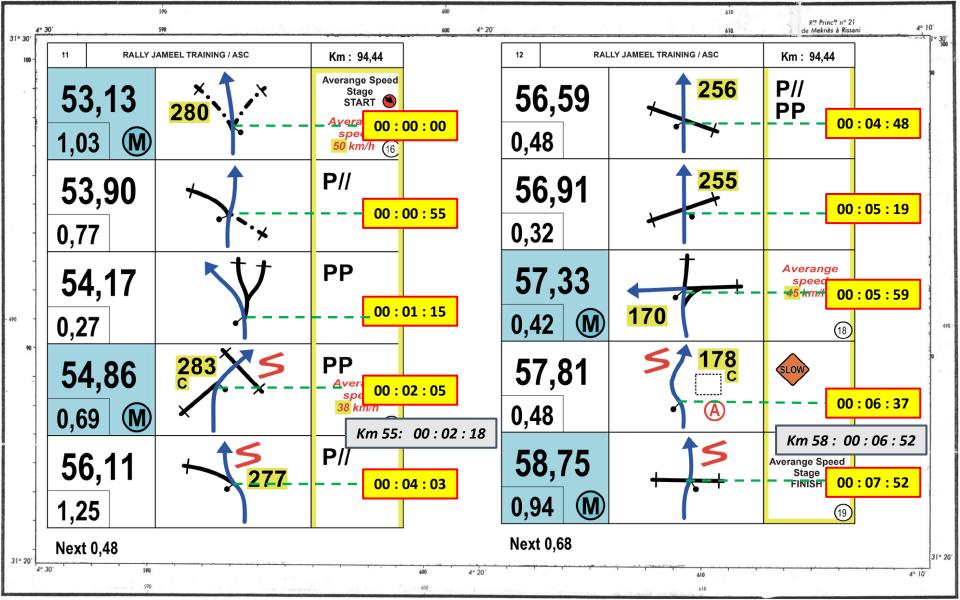
310 20 4º 10'













TIME CARD

4º 30'

31° 30'

498

31° 20' 4° 30'

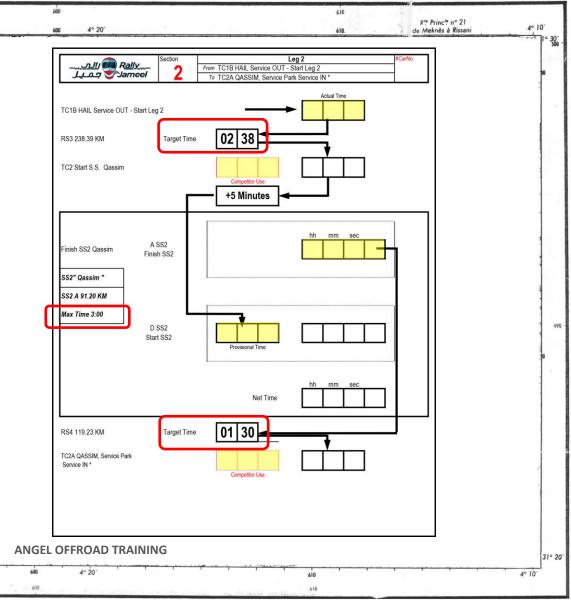
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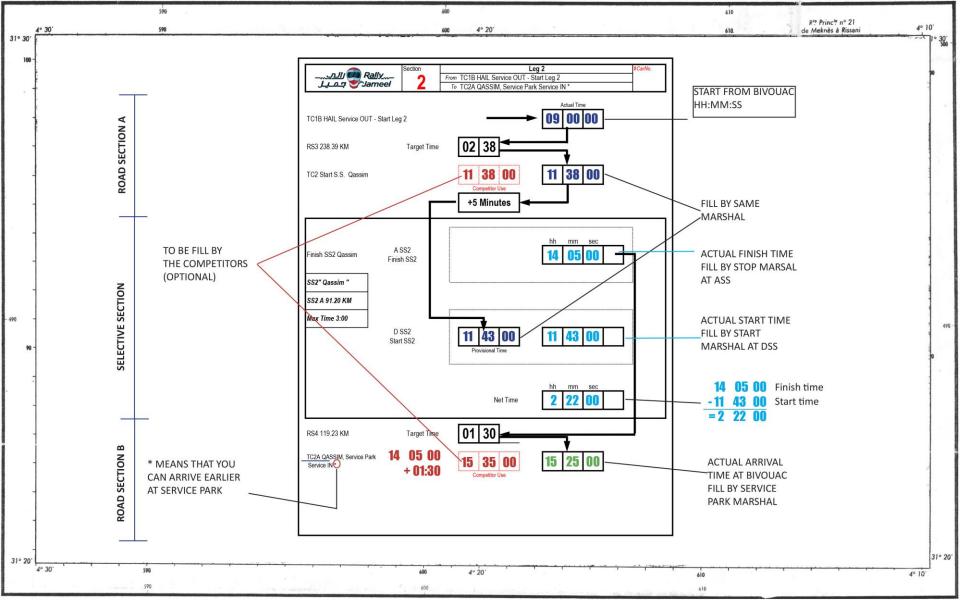
- Carried by the co-driver
- The time card is a record of stage times and time control arrival times
- Stamped by officials
- Provides proof in case of a dispute
- Use it to manage your timing

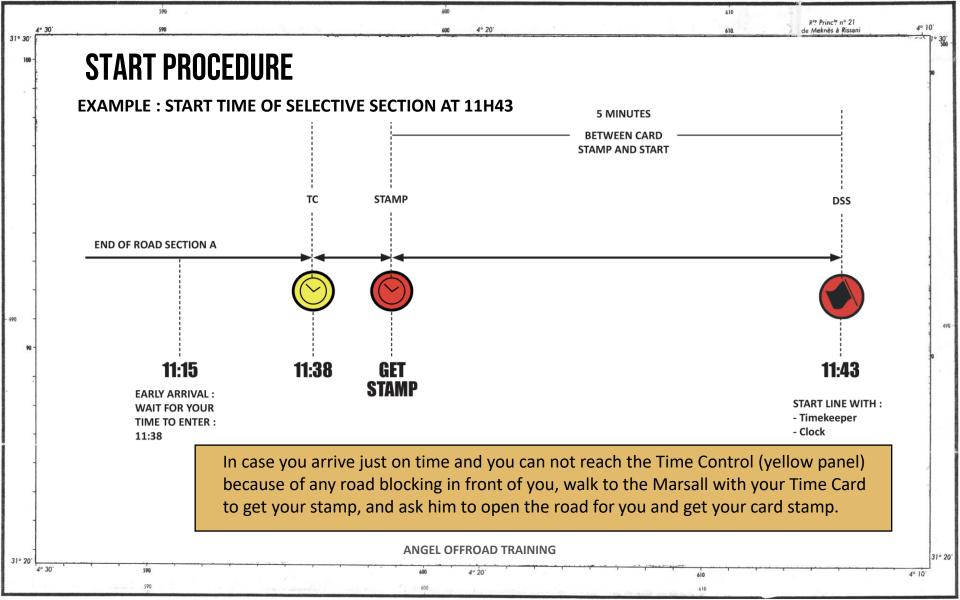
DO NOT LOOSE IT !

590

590







## **NAVIGATOR BAG**

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4º 30

310 30

498

4º 30'

100

Essential tools for the co-driver :

- Notebook
- Calculator
- Highlighters
- Pens & pencils
- Permanent maker
- White labels
- Stopwatch

590



R! Princ! nº 21 de Meknès à Rissani

610.

4º 10'

30'

#### **ANGEL OFFROAD TRAINING**

600

600

4° 20'

31° 20'

4º 10'

