Industry Workbook
Test *Your* HOS Knowledge!

Pre-Requisite:
Study the 'MB Industry Presentation (HOS 2006)'
Power-point presentation for the background instruction
Industry Workbook
Table of Contents

- Pages 1-2: Introduction & Table of Contents
- Pages 3-4: Instructions
- Pages 5-15: 10 Problems
- Pages 16-26: The Solutions
Industry Workbook  ‘Instructions’

- There are 10 problems in this presentation (#1 through #10)
- Each problem consists of Graph Grid Log pages for two consecutive days (Day#1 & Day #2)
- Each problem is totally independent of all the others
Industry Workbook ‘Instructions’

1. Examine each problem separately and identify ALL hours of service violations.

2. The first seven problems deal with a single driver; problems eight and nine deal with single sleeper berth and the 10th is a team driver as part of a co-driving team (sleeper berth).

3. May we suggest:
   - Print out the 10 problems (pages 5 to 15), because printed copies may be easier to examine and to use for notes.
   - Don’t look at the solution too quickly! (It is far more beneficial to gain understanding if you spend time finding the violations before looking at the solution!)

4. Have Fun!
The Problems
Question #1 – Are there any Violations?

First Day

Second Day
Question # 2 – Are there any Violations?

First Day

Second Day
Question # 3 – Are there any Violations?

First Day

Second Day
Question # 4 – Are there any Violations?

First Day

Second Day
Question # 5: Are there any Violations?

First Day

Day 1

Second Day

Day 2
Question # 6: Are there any Violations?

First Day

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Second Day

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**Question # 7: Are there any Violations?**

**First Day**

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Question #8: Are there any Violations?

First Day

Second Day
Question # 9: Are there any Violations?

First Day

Second Day
Question # 10: **Team Driver** - Are there any Violations?

**First Day**

**Second Day**
The Solutions

Yes!

Yes!
Answer # 1: There are Three Violations

1) Driving After 16 Elapsed Hours (1830-1930) on Day #1
   Rule: After 8 Off-Duty Hours - May not drive after 16 Elapsed Hours

2) Day #2 - Only 9.5 Off-Duty Rules:
   Minimum 10 hours Off-Duty required
Answer # 2: There are Two Violations

1) There are not 10 ‘countable’ Off-Duty Hours in Day #1 (0400-0415)
   Rule: Off-Duty Time must be in blocks of at least 30 minutes each

2) There are 14 Driving Hours in Day #2 (14th hour = 2300-2400)
   Rule: Maximum 13.0 Driving Hours in each 24-hour ‘Day’
Answer # 3: There is One Violation

1) Drive ½ Hour After 16 Hours Elapsed on Day #2 (1630-1700)

Rule: After 8 Off-Duty Hours, no Driving after 16th Elapsed Hour

First Day

Second Day
Answer # 4: There are Two Violations

1) 9.5 Off-Duty Hours in ‘Day’ #1
   **Rule:** Minimum 10 Off-Duty Hours in each ‘Day’

2) Drive After 14th On-Duty Hour (1130 Day #2)
   **Rule:** After 8 Off-Duty hours, *may not drive* after 14th On-Duty Hour

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Answer # 5: There are **no** Violations

**Rule:** Day #1 **No Driving** occurs after the 14\textsuperscript{th} On-Duty hour in *both* the work-shift and the ‘Day’ (Note: No Driving occurs after the 16\textsuperscript{th} Elapsed Hour Day #1)

**Rule:** There is one (1) ‘Off-Duty’ Hour deferred from Day #1 to the 8-hour Off-duty block on Day #2 - the hour is deferred to \textbf{(0130-0230), Day #2}

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**Diagram:**

**First Day:**
- DUTY STATUS: Off-Duty time other than time in a sleeper berth
- Off-Duty time in a Sleeper Berth
- Driving time
- On-duty time other than driving time

**End of 16 Hour Work-Shift:**
- 8 Off
- Use Local Time Standard at Home Terminal
- GRID
- Total Hours: 6, 3, 10.5, 4.5

**Second Day:**
- DUTY STATUS: Off-Duty time other than time in a sleeper berth
- Off-Duty time in a Sleeper Berth
- Driving time
- On-duty time other than driving time

**End:** 14th On-Duty Hour
- 8 hour off-duty Block (0230-1030)
Answer # 6: There is One Violation

1) On Day #2, there is only (1) Hour that is not part of 8 hour time off block

Rule: Minimum (2) Hours each ‘Day’ not part of the required 8 hours off-duty
**Answer # 7:** There are **no** Violations

**Rule:** (2) Hours deferred from Day #1 (No Driving after 14th On-Duty hour)
added to 8-hour block in Day #2 (1230-1430)

**Rule:** (2) Off-Duty Hours **not** part of 8 hour Block (0400-0530) & (1200-1230) on Day #2

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*8 hour off-duty Block (1430-2230)*
Answer # 8: There is One Violation

1) Drive ½ Hour After 14th On-Duty Hour on Day #2 (0630-0700)

Rule: Sleeper Berth Splits, May not drive after 14th On-Duty Hour

First Day

Second Day

Start Counting Driving/On-Duty from 0930, Day #1
Answer # 9: There is One Violation

1) Day #2 Sleeper (1530-2100) is 5.5 hours (must be at least 6 hours)

Rule: Two subsequent ‘counting’ Berths must total at least 10 hours.

Result = Violation of 16th Elapsed, 13 Driving & 14 On-Duty Hour Rules
**Answer # 10: There is One Violation**

1) 9.5 Off-Duty Hours in ‘Day’ #1

**Rule:** Requirement for minimum 10 Off-Duty Hours each ‘Day’ also applies whenever single/ team drivers utilize Sleeper Split provision