

Amazon

Amazon Oil Services



الأمازون للخدمات النفطية

JULY 2016

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Interview

Victor Daniel Sraer / Sr.
Civil/Structural Engineer

Islamic Call Bldg, Benghazi

Geological and environmental
features around

BREGA REGION

+
Thought of the month

Amazon

Amazon Oil Services is registered in Libya

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General Manager



Welcome to the July issue, 2016.

On behalf of AMAZON management, I would once again express our gratitude for your continued support, patience and understanding during these challenging times.

We welcome you to this issue of our newsletter wherein we continue to pray for peace and stability. Whereas we continue to be faced with unprecedented events we have been able to overcome such trials and tribulations and continue to provide a sterling service to our clients. We have been able to achieve the near impossible by the continued support from our loyal staff or, should I say, from members of the AMAZON family!

I was pleased to meet you all on my recent visit to Brega and include some photographs in this newsletter.

Since January we have welcomed new members to the family and indeed continue to do so. Our reputation continues to flourish with our clients due to our ability to deliver a reliable service.

Recently, the Indian Government has imposed restrictions on travel to Libya by their nationals however we are actively addressing this issue on an ongoing basis.

Once again, I would like to express my thanks to each and every one of you for your continued support and understanding and we do hope that the overall situation will improve in the near future and that we will be able to return to some form of normality.

On behalf of AMAZON Management we would like to wish you and your family a **HAPPY EID**.



Amazon Travel

The first half of 2016 continues to prove challenging in the Travel sphere of operation however we continue as always to find equitable solutions to unexpected events as they arise. Our employees continue to rotate to / from Libya even during these difficult times and indeed AMAZON continues to welcome new employees to the 'family.'

As you will appreciate, the current fluid situation has proven to be an overall logistical nightmare however AMAZON continues to be diligent in their efforts to ensure seamless travel where possible on the dates as requested by yourselves. Where this has not been possible, we have sought an equitable compromise seeking as always your approval before the tickets are issued.

We continue to emphasise the importance of submitting approved AMAZON Travel Request Forms to facilitate the arranging of your flights ensuring that Brega flight connections are in place.

Due to the extortionate rates now being charged for the Malta Charter flights we can no longer consider this as a viable mode of transport. As previously advised, the increase in costs is as the result of current inflated insurance premiums incurred.

You should also recognise that flights to / from Libya are not available on a daily basis and as such we require to use the airline available on the day to meet your requested travel schedule. Where possible, the same airline is used for departure and return flights.

As you are now aware, Immigration implemented new rules without warning which prevented Foreign Nationals boarding their flight in Istanbul to Libya unless they held an approved document confirming the authenticity of their visa. This apparently was the result of fraudulent visas being in circulation. Accordingly, Foreign Nationals are issued with a Mitiga Airport Approval document for their return journey to Libya. Whereas this requirement predominantly relates to certain



nationalities, we issue all employees with this document in order to pre-empt any potential problems.

It is important to check your E-mails before you return to ensure that you have received this required document.

Our current nominated route to / from Libya is via Istanbul. As you are aware, certain nationalities require a Transit Visa whilst others are exempt. At this time, **Indian** Nationals cannot obtain a Transit Visa for Istanbul so their flights are arranged so that they connect with Libyan Airlines / Afriqiyah Airways / Libyan Wings flights on the same day.

Transit Visas are valid for 90 days with multi-entry so it is important that you retain this document for future travel use. AMAZON tracks the validity of these documents and will issue new ones as and when required.

AMAZON strongly advises that Indian employees travel with hand luggage only as they will be unable to collect their baggage in Istanbul as they cannot pass through Passport Control. (Unfortunately, some of our employees have experienced the loss of their baggage in the past due to this problem.)

With regards to Canadian employees from Calgary, there are only certain days that we can route you direct without you being required to travel via Ottawa. In such cases, you will be advised on the closest date available to ensure direct flights.

Whereas we again continue to experience random industrial disputes at Brega this has had no material adverse impact to date.

Recently, we experienced the suspension of internal Brega flights by Petroair which was thankfully expediently resolved however had an impact on reservations already in

the system requiring all employees to make new reservations. We would reiterate the importance that all employees ensure that approved Brega reservations are in place when rotation flight reservations are made.

We would further request that once a ticket is agreed and issued, you recognise that AMAZON incurs a substantial penalty charge from the individual airlines should we be required to change a ticket so please ensure that ticket changes are limited and justified.

Further, should an employee make their own arrangements and procure alternative tickets without AMAZON prior approval, then they could become liable for such costs.

Commercially, we are sourcing Libyan tickets through Libyan based agents through our nominated agent in Malta which may result in you receiving additional tickets however we continue to retain overall control in the event of unforeseen changes being required.

Recently, we have been made aware of a directive from the Indian Government regarding their citizens which is being evaluated by ourselves on an ongoing basis and if required, AMAZON will determine alternative travel routes if so requested by the employee.

In conclusion, once again we have faced every possible unprecedented scenario and have determined viable solutions to same and have been able to continue operating as normal within reason and we have you, the employee, to thank for your understanding and perseverance during these difficult times. Needless to say, unfortunately the 'Force Majeure' status still exists pending the resumption of International carriers to Libya and stability returns.



7 Wonder of of the World

The Wondrous Wall

The Great Wall was not just a wall. It was an integrated military defensive system with watchtowers for surveillance, fortresses for command posts and logistics. The wall was built to help keep out northern invaders like the Mongols.

The Great Wall stretches around

6300
Kilometres

The Great Wall of China is one of the greatest sights in the world — the longest wall in the world, an awe-inspiring feat of ancient defensive architecture. Its winding path over rugged country and steep mountains takes in some great scenery. The Great Wall stretches around 6300 kilometres (3915 miles) in length. Many people say that the Great Wall can be seen from the Moon without aid. However, this is just a myth.

The “Long Wall” has a long history — more than 2,300 years. It was built in different areas by different states / dynasties to protect territorial borders. The original

Great Wall was started by the Qin Dynasty and following dynasties continued to work on it. Later the Ming Dynasty rebuilt the wall. The wall was built by peasants, slaves, criminals, and other people that the emperor decided to punish. Soldiers were involved in building the wall and in managing the workers as well. It is estimated that millions of people worked on the wall over the course of over 1000 years. Some scientists think that up to 1 million people died while building the wall. People building the wall were not treated very well. Many people were just buried under the wall when they died.


Smaller walls had been built over the years, but the first Emperor of China, Qin Shi Huang, decided that he wanted a single giant wall to protect his northern borders. He ordered that a single strong wall be built with thousands of lookout

towers where soldiers could guard and protect his empire. It was built with wisdom, dedication, blood, sweat, and tears.

Due to natural erosion and human damage, about 2,000 kilometers, or 30% of the Great Wall has disappeared. To prevent further loss of the Great Wall, the Chinese Government has taken measures to protect it:

- Laws to protect the Great Wall
- Funds for protection, restoration, and maintenance

This Wall is unlike any other, and something that can definitely be classed as a Wonder of the World. Let's hope no further loss is done and we all have the opportunity to marvel in its glory one day.



the month of ramadan is when Allah reveled the first verses of the Quran to the prophet Muhammad

RAMADAN KAREEM

Thought of the month

Islam has its own calendar, which is based on the moon. Ramadan is the ninth month of this lunar calendar. The lunar calendar is 11 days shorter than the gregorian calendar, so Ramadan moves back 11 days each year. Ramadan takes a new atmosphere, a new season as it were every year.

Happy Ramadan

Ramadan is a holy month. There are over 1 billion Muslims throughout the world who mark this month not by just fasting and feasting. It is time when Muslims give greatly to charity and devote themselves to prayer and good acts.

But fasting is not just about remaining hungry; fasting is not an action that is a burden for Muslims. The fast reminds Muslims that there are many people throughout the world who are unable to find sufficient food or potable water, there are many people worse off than themselves.

When a Muslim fasts he/she also exercises control over their will – ie. Not losing one's temper, not indulging in idle gossip and avoiding other negative actions. During this month Muslims

share their blessings with others, contribute money to charity, set up iftar for the less fortunate, make contributions to the mosque, which passes the charity on to those in need.

Ramadan is a time of repairing fences; if friends or family have fallen out, this is the time to make peace and re-establish relationships.

In short Ramadan is a time to take stock of your life, make right what is wrong, and give up bad habits.

The fast is not merely a physical exercise; it is a moral, mental and spiritual exercise. It is the time for cleansing and purification.

In concluding, this Ramadan, spare a thought for those less fortunate in this world, pray for peace and tranquility and give generously to charity.



Geological and environmental features around BREGA REGION, LIBYA

Part 1

Beach rocks are the consolidated deposits resulting from lithification by calcium carbonate of sediment in the intertidal and spray zones. They are formed in the tropical to subtropical climate belts under a thin cover of sediment that overlies the unconsolidated sand. The sea water, supersaturated with calcium carbonate and high temperatures, within the beach sediments is a necessary condition for cementation and thus for the formation of beach rocks..... Mediterranean coastal Quaternary deposits of NE Libya are represented by the Ajdabiya Formation, sabkhas, aeolian deposits, beach and coastal sand dunes and alluvium deposits.

By Dr. Arun Kumar

The town of Brega (30°26'06.0"N 19°40'01.0") is located on the southeastern corner of the Gulf of Sirte (Figure 1). It is also known as Mersa Brega or Marsa al-Brega or Marsā al Burayqah (meaning Brega Seaport). This industrial town is divided into three regions, Area One, Area Two and the New Brega, and the outcrop locations of various stratigraphic units are shown in Figure 2. This area has several intriguing geological features which are briefly described and illustrated. Brega, being a coastal windy town, the impact of wind in the area is clearly evident; this is being shown in man-made structures and on local trees.

The following features are briefly described and illustrated in this article which is primarily based on the work of this author.

A. Geological Features:

1. **Outcrops along the coast**
 - Brega Sandstone Bed
 - Upper part of the Sahabi Formation V (the sea cliff section)
 - Ajdabiya Formation
 - Beach rocks
 - Sand dunes and sheets with beach balls
2. **Stratigraphy of the Brega area**
3. **Trace fossils of the Brega Sandstone Bed**
4. **Shallow lagoons and coastal sabkhas**
5. **Quaternary paleo-streams**

B. Environmental Features:

1. Impact of wind A.

Geological Features:

1. Outcrops along the coast
 - a. Brega Sandstone Bed

This stratigraphic unit was described by the author of this article (Kumar, 2014A). Its descriptions are based on observations on two outcrops in the Brega Area Two (see locations in Figure 2). One of the outcrops is the freshly excavated surface of massive white sandstone that does not show any clear bedding surface except at the very top.

It is a medium to coarse grained, calcareous sandstone bed, devoid of any sedimentary structures or body fossils. However, a few small cross beds were observed in the outcrop section of this bed along the road nearby. Since the top of the bed is buried under the Holocene sand sheet and bottom is not seen its thickness could not be measured.

The bed has a rich assemblage of trace fossils that are dominated by various types of vertical, oblique and horizontal burrows that are branched and unbranched.

Figure 1: Map of Libya showing locations of Brega on the southeastern corner of the Gulf of Sirte and major sand seas. (website 1)





A new outcrop of the Brega Sandstone Bed was located on the east coast of the beach near the Brega Area One. The base of the formation is under the sea and here it is overlain by the Pleistocene Ajdabiya Formation. This outcrop is spread over about 250 m along the coast and is up to 30 m in width. Although the base is under the sea the thickness of the exposed outcrop is approximately 20 m that dips southeasterly to 250 to 350. The Brega Sandstone Bed is equivalent to the lower part of the Sahabi Formation V (El-Arnauti and El Sogher, 2004; Kumar, 2014A).

b. Upper part of the Sahabi Formation V (the sea cliff section).

There is a 'Sea cliff section' just 2 km SW of New Brega along the road to the Brega Area Two (Figure 2) which shows a section of thinly bedded greyish to greenish sandstone interbedded with gravel and pebble beds. They are considered here to represent the upper part of Member V of the Sahabi Formation (El-

Arnauti and El Sogher, 2004; Kumar 2014A). The outcrop also shows the disconformable contact between the upper part of Member V of the Sahabi Formation and overlying Ajdabiya Formation; the overlying Ajdabiya Formation shows two marine dunes one overlying the other.

c. Ajdabiya Formation

The Ajdabiya Formation was described as white calcareous sandstones having rounded limestone clasts with diverse marine invertebrate fauna deposited during the Tyrrhenian (Pleistocene) marine transgression (Giglia, 1984). These consolidated dune deposits or "fossil dunes" occur as discontinuous patches along the Mediterranean Sea coastal plains near the modern day shoreline. They are mounds of various shapes but generally rounded and of variable width and may also occur as continuous ridges but more often are elongated hillocks, either single or arranged in chains.

In the Brega area, the Ajdabiya

Formation occurs as small to large isolated hills or almost flat topped long ridges that are at times isolated and occur close to the present day coastline of the Mediterranean Sea. This formation around Brega is represented by grey to light brown, cemented calcareous sandstones, usually thickly but at times thinly bedded with extensive cross beds. There are heavily bioturbated zones in this formation as well. The thickness of the Ajdabiya Formation in Brega ranges between 10 and 15m.■

To be continued in the next issue

About the Author

Dr. Arun Kumar is a retired Research Scientist and Professor from the Research



Institute, King Fahd University of Petroleum Exploration (KFUPM), Dhahran in Saudi Arabia. At present he is associated with the Department of Earth Science, Carleton University in Ottawa, Canada.



Figure 2: Google Map of the Brega area showing locations of various outcrops (BR: Beachrock, CSS: Coastal sand dunes and sand sheets with beach balls, BSB1 and BSB2: Brega Sandstone Bed, AF: Ajdabiya Formation, SCS: Sea cliff section) (after Kumar, ms).



Technology

Laptop vs Tablet

When laptops entered the computer market, everyone wanted one of these small devices for computing on the go. Laptops received a lot of hype because of their portability and their ease of use. This new technology took the computing world by storm and dominated the portable computer scene until a new device entered the market: the tablet. This device offers several of the same features as laptops but with added portability. Some individuals may feel this is the new way to compute and they can't live without their tablet, whereas others say laptops can never be replaced. Let us take a look at the advantages and disadvantages of each device to help you decide which will best fit you and your needs.

Laptops

One of the benefits of using a laptop is the hardware included on the product. Laptops come with full keyboards, large screens and much higher screen resolution than you would find on any tablet. A full, physical keyboard is a desired feature for many individuals who do

not like to type on a touchscreen. You can type much faster and more accurately using a full keyboard. The screen is also much larger for viewing photos, browsing the web or even enjoying entertainment content. Laptops are also more durable than tablets, and you won't have to worry about scratching or damaging the touchscreen display.

However, bigger may not always be better. Originally, laptops were designed for portability. These devices accomplish work on the go but they can be a burden to carry with you. Most laptop computers weigh anywhere from 3 to 9 pounds. Not only can this heavy weight be an annoyance to carry in a backpack or briefcase, it can cause back pain if they are carried for extended periods of time.

Tablets

These highly portable computing devices give you full control of the screen, features and applications. Compared to laptop computers, these products are small. Most tablets offer anywhere from a 7-inch to a 10-inch display screen and weigh less than 1 pound. You can

store all your music, capture photos or videos, video chat and even read books on their built-in eReaders.

Aside from some hefty price tags, you must take special precautions in the care of these devices. They may have a durable body, but the touchscreen display is delicate. If the touchscreen is damaged, your device could become useless. You can buy a case to protect the screen, but these are not included with the product and require a separate purchase.

If you're trying to decide between a laptop and a tablet, it all depends upon you and your needs. If you are planning to carry your computer for extended periods of time, the lighter tablet may be ideal for you. Or maybe you want a physical keypad and don't like the touchscreen display. If you are in the market, figure out what features you must have in your device. Compare and contrast different products to see which ones have the specifications you are looking for. Only by figuring out your needs will you discover which type of computing device you prefer.

Mr. **Victor Daniel Sraer**
Role: **Sr. Civil/Structural Engineer**

Employee Profile

I have been working with Amazon Oil Services since January 2013 until December 2013 and, thereafter, from March 2015 until present, on the position of Sr. Civil/Structural Engineer, performing Engineering Consultancy Services for Sirte Oil Company in Marsa El Brega, Libya.



At the beginning I did not know anything about Amazon Oil Services Co., Sirte Oil Company or Marsa El Brega, I just went there and started working with them. From the beginning, I had noticed that Amazon Oil Services did everything in a professional way and thereafter, I had also noticed that they are very well organized from all points of view.

Here, in Brega, Sirte Oil Company provides us accommodation and lodging.

Our daily life here in Marsa El Brega consists in our 9 working hours and thereafter, in the evening, in playing tennis, together with other colleagues and friends. Sometimes I go to the beach.

I have an experience of 20 years in Civil/Structural Engineering, in the field of Oil & Gas, as well as in residential and commercial buildings, with background in engineering, analysis and design of various strength structures materials such as reinforced concrete, steel, masonry and timber, using recognized international structural Codes & Standards such as UBC, ASCE, ACI, AISC, API, ASTM, AASHTO, BS (British Standards), Eurocodes, EN ISO.

Due to the variety of the S.O.C projects and their requirements, we work here within a team environment,

coordinating with other project disciplines such as architects, piping engineers, mechanical engineers, electrical& instrument engineers, etc, in order to fulfill the project requirements.

Most of the S.O.C. projects consist in revamping of various S.O.C. Units and civil design works as part of maintenance process and my duties and responsibilities are as follows:

- Visits at site to collect all necessary data and measurements, in order to be able to start the design.
- Performing Structural Design Calculations and preparing of Scope of Work and Project Specification.
- Preparing of detail drawings for reinforced concrete foundations/superstructures, as well as steel structures for pipe racks, vertical vessels & columns, storage tanks, horizontal vessels and heat exchangers, pumps, pipe/electrical supports, and loading/uploading platforms.
- Strengthening & refurbishing of various existing buildings and equipment foundations.
- Adjustment of various existing equipment foundations for new equipment.
- Light & heavy duty concrete platforms and access roads.



- Sanitary and Oily & Storm Water Sewer Systems.
- Preparing Technical Reports on condition of existing buildings /equipment foundations and superstructures.

Beyond these revamping / maintenance works, I am also involved in the design of new S.O.C. objectives, buildings or equipment foundation & superstructure.

My main achievements during the time with Amazon Oil Services, performing Engineering Consultancy for S.O.C. are as follows:

- * Rehabilitation of Desalination Plant Drainage System
- * Replacement of Electrical cables in Methanol Plant
- * Installation of 70 m Height Communications Tower
- * Upgrading the Existing 5 tons Manual Operated Overhead Crane to
- * 10 tons Overhead Crane for Sub-Booster Compressor Sunshade
- * Recirculation Water Tank Foundation and Annular Plate Repairs
- * Reconstruction of Fire Truck Shed at Brega Airport
- * Development Training Office and Workshop Building-Brega 2

After all this time with Amazon Oil Services I can conclude that Amazon is a reputable and caring company and it is a real pleasure to work with them. Due to this, we come back to Marsa El Brega every time, to do our job here, inspite of the difficult times in Libya at the moment.



The Eatwell plate is based on the 5 food groups and shows how much of what you eat should come from each food group to maintain a healthy balance diet. On average, women should have around 2,000 calories a day and men should have around 2,500 calories a day. Most adults are consuming more calories than they need.

Eatwell plate

Below is a guide as to ideally what your plate should look like at mealtimes. The next time you sit down to eat, compare it to the guide to see how balanced your diet really is!

Eat at least five portions of a variety of fruit and vegetables a day.

Most of us still aren't eating enough fruit and vegetables. They should make up over a third of the food we eat each day. Choose from fresh, frozen, tinned, dried or juiced. Fruit and vegetables are a good source of vitamins, minerals and fibre.

Base meals on potatoes, bread, rice, pasta or other starchy carbohydrates.

Choose wholegrain where possible. Starchy food should make up just over a third of the food we eat. Choose higher-fibre, wholegrain varieties, such as wholewheat pasta and brown rice, or simply leave skins on potatoes. Starchy foods are a good source of energy and the main source of a range of

nutrients in our diet.

Have some dairy or dairy alternatives (such as soya drinks and yoghurts).

Choose lower-fat and lower-sugar options. Milk, cheese, yoghurt and fromage frais are good sources of protein and some vitamins, and they're also an important source of calcium, which helps to keep our bones strong.

Eat some beans, pulses, fish, eggs, meat and other protein.

Aim for at least two portions of fish every week – one of which should be oily, such as salmon or mackerel. These foods are good sources of protein, vitamins and minerals. Pulses such as beans, peas and lentils are good alternatives to meat because they're lower in fat and higher in fibre and protein, too.

Choose unsaturated oils and spreads and eat in small amounts

Unsaturated fats are healthier fats and include vegetable,

rapeseed, olive and sunflower oils. Remember all types of fat are high in energy and should be eaten sparingly.

Eat foods high in fat, salt and sugar less often and in small amounts

These foods include chocolate, cakes, biscuits, sugary soft drinks, butter, and ice cream. They're not needed in the diet and so should be eaten less often and in smaller amounts.

Drink plenty of fluids – it is recommended about 6-8 cups/glasses a day

Water, lower-fat milks and lower-sugar or sugar-free drinks including tea and coffee all count. Fruit juice and smoothies also count towards your fluid consumption but they contain free sugars that can damage teeth, so limit these drinks to a combined total of 150ml per day. ■

Letters from our readers.

Thanks for sending me your very inspiring newsletter. I'll be more grateful if you kept sending me your update. Thanks for a very interesting information from Amazon Oil Services.

Regards, Arc

Thank you very much for sharing your newsletter with us. It is wonderful to reach out and open to all your friends and share the news and some information. We are proud of being your associate and thanks for assisting us in our businesses. We wish you lots of luck, health and success.

Kind regards, Hossein Banijamali,

I hope that everything is going fine with you and your family. I am really very impressed with the success you are making in short time of business and especially in present situation of the country and very happy to see you progressing in the right direction. I wish you all the best of luck and prosper.

Best regards, A.K. Lamin

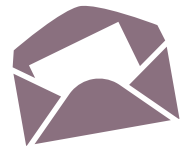
Dear Sir

Thank you very much for sending me the AOS newsletter 2016. I guess after another year it will be a magazine not just newsletter since in every issue I see more subjects and more interesting things. I really enjoyed all the materials in the magazine, and I knew a lot of thing that I do not know before like, nuts, Taj Mahal.....etc. I wish you all the best and success

N. Khrwat, Consultant, Engineering & Projects General Department

Dear Ahmed,

This is to acknowledge receipt of Amazon newsletter. I wish you every success.



Regards, Elias A A

Amazon Puzzle

6		7			4		8
							1
	3		^		<	1	5
2			v		6		
	1		^	5		4	
	8		6				
	2	>			3		7
	4				<	5	

The rules of the puzzle. All you need to know are greater then {>} or smaller than {<}. then using the clues given, use the digits from 1-8 once in each line and column.

ice Crystal

When the numbers 43, 44, 45, 46, 47, 48 and 49 are fitted into the empty spaces, each of the three rows of five spaces and the seven central spaces must add up to 238!

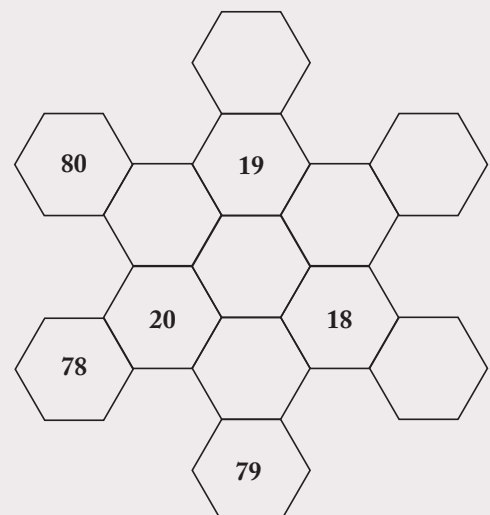


Photo Gallery



DESIGN // PRINT // PHOTOGRAPHY // PHOTOBOOK

Books // Business Cards // Calendars // Diaries // Promotional items



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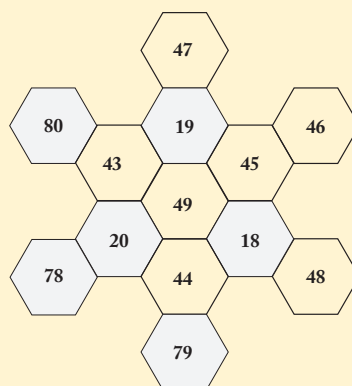
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Solutions

6	5	7	3	1	4	2	8
4	6	2	7	5	8	3	1
7	3	4	8	2	6	1	5
2	7	3	1	6	5	8	4
8	1	6	5	7	2	4	3
3	8	5	6	4	1	7	2
5	2	1	4	8	3	6	7
1	4	8	2	3	7	5	6



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