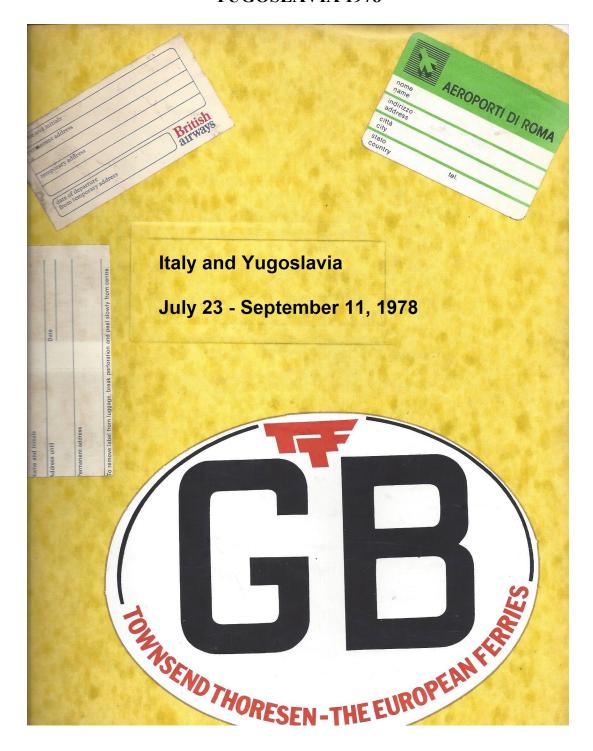
TRAVELS NOW AND THEN

© Christopher Earls Brennen

YUGOSLAVIA 1978







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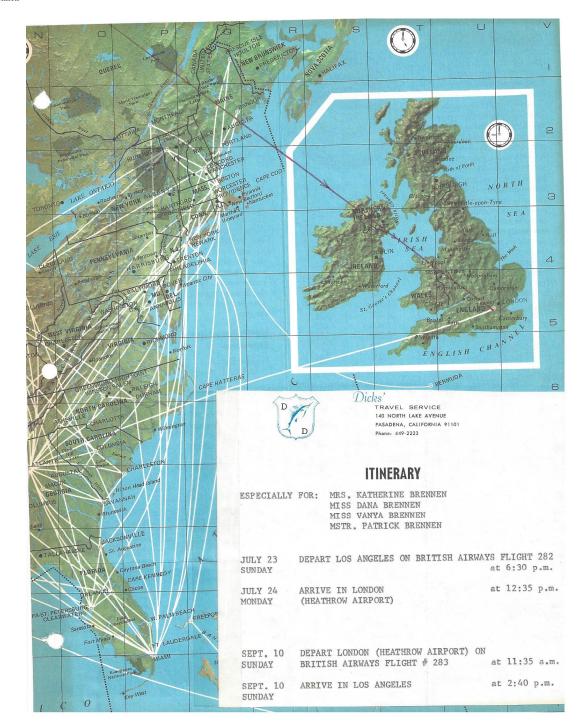
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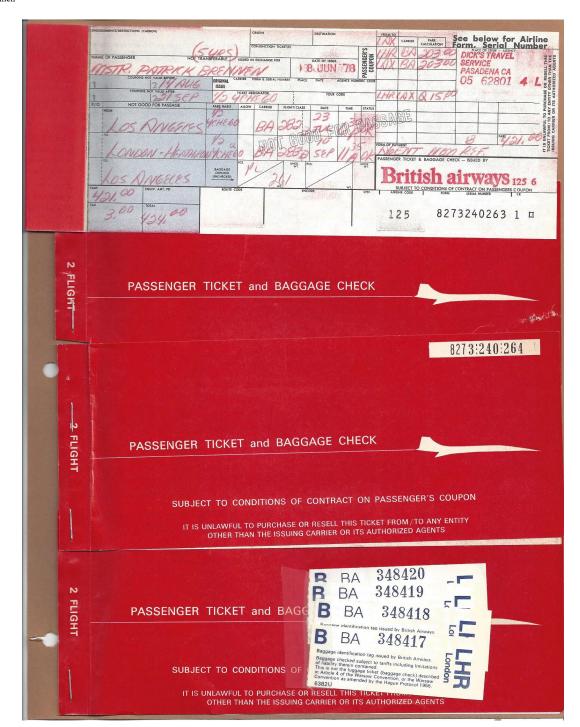
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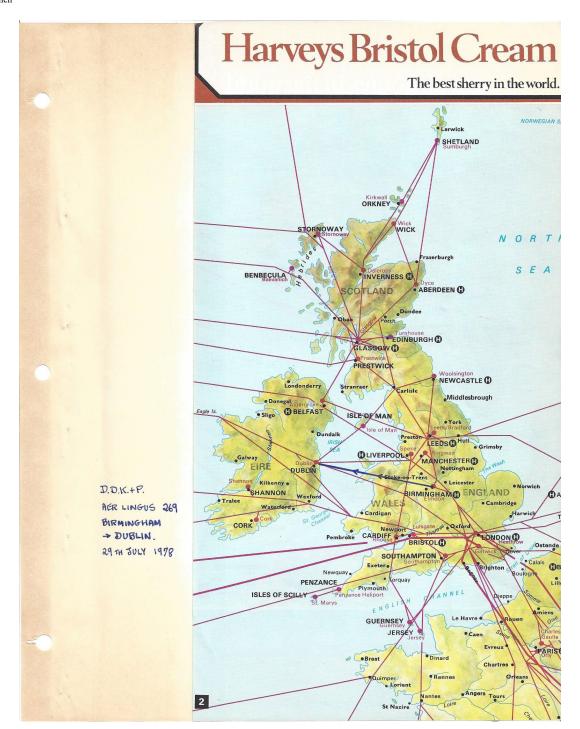
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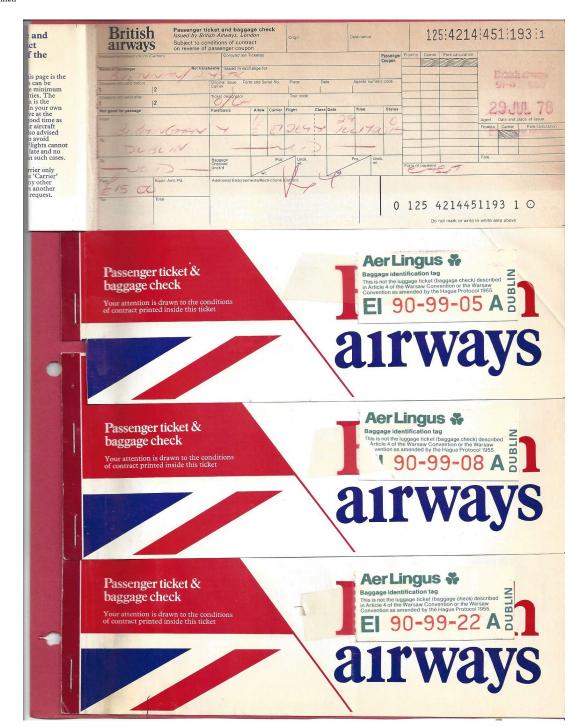
July 23	Los Angeles	Depart United Airlines # 28	10:00	PM.
Sunday		Arrive New York (Kennedy Airport) Snack will Be Enroute	5:55	AM.
August 11	New York	Depart TWA # 708	9:30	PM.
Friday		Arrive London	9:10	AM.
		-Dinner Enroute-		
August 12	London	Depart British Airways #4582	10:30	AM.
Saturday		Arrive Belfast	11:35	AM.
		-Surface back to London-		
August 29	London	Depart British Airways # 502	8:35	AM.
Tuesday		Arrive Rome	11:50	MA.
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September 10	Rome	Depart British Airways # 20	7:35	AM.
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		Depart British Airways # 283	11:0	2 ZHI.
		Arrive Los Angeles	2:40	PM.
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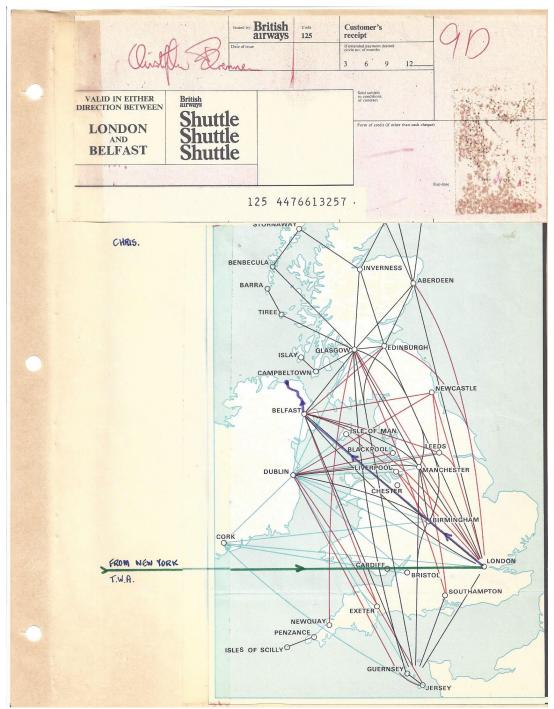
WELCOME HOME AND THANK YOU,















At "Cranagh Dhu", Magherafelt





At "Cranagh Dhu", Magherafelt





At Portstewart





At Portstewart





Portstewart harbor

Magilligan strand





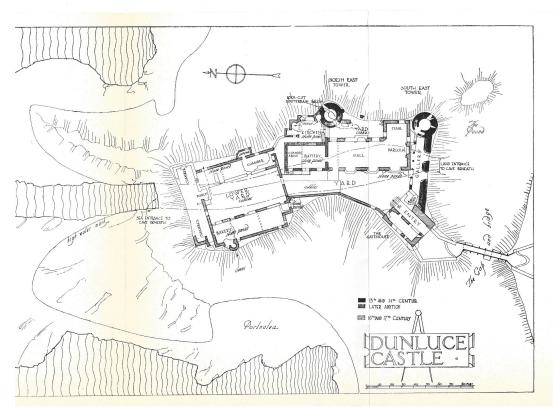
Ballycastle

Ballycastle





Carrick-a-Rede rope bridge







Dunluce Castle





Dunluce Castle





Giants Causeway

Runkerry



Donaghmore graveyard



Dunluce Castle

HISTORIC MONUMENTS in State Care on the ANTRIM COAST ROAD

The Antrim Coast road has a great deal to offer the visitor, including magnificent scenery, impressive geology and a varied selection of historic monuments. Here we list the sites in State Care (distinguished by the use of capital letters) on or near the coast road, with brief reference to some others on the way. Many of the sites listed date from the medieval period, but the traveller should also bear in mind that this coast has produced some of the earliest evidence for man living in Ireland, some 7000 years ago. Neolithic burial cairns crown the hilltops of Carnanbane and Knocklayd, and Neolithic people quarried fine-grained stone for axe-making from Tievebulliagh and Rathlin Island. Naturally strong headlands and promontories, like Knockdhu and Lurigethan, were fortified with earthworks probably in the Iron Age.

CARRICKFERGUS CASTLE (J415873), prominently sited on the lough shore at the W approach to the town. One of the finest castles in Ireland, playing an important military role for nearly 750 years. Built to control Belfast Lough by John de Courcy, conqueror of Ulster, from 1180 onwards, it shows additions and alterations of many periods, adding up to an impressive and exciting whole. Guide card and guide book available.

DALWAY'S BAWN (J443914), reached by a slight detour from the coast road on the B90 road to Ballycarry. An unusually well preserved example of an early 17th century planter's fortified enclosure, now enmeshed with a working farm and only partly in State Care. John Dalway surrounded himself with this stone bawn with its three rounded corner towers in about 1609 to secure his royal grant of land in the area.

BALLYLUMFORD DOLMEN (D431015), is reached by another detour on the B90 to the NW tip of Island Magee, where the dolmen sits rather unexpectedly in the front garden of a house. Popularly known as the Druid's Altar, these are the remains of a Neolithic burial monument, 4000 to 5000 years old, formerly covered by a cairn.

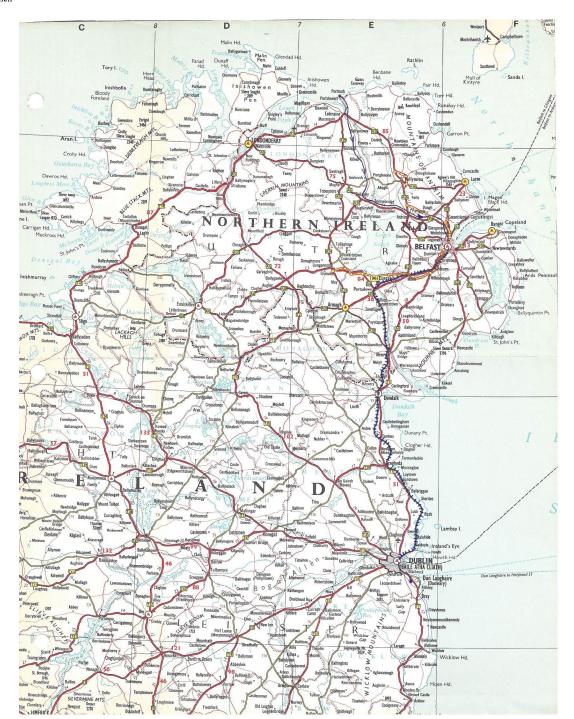
LARNE: OLDERFLEET CASTLE, on Curran Point (D413016). A 1610 map shows 3 castles at Larne: though known as Olderfleet, this one is probably *Coraine*. The ruin is the shattered remnant of a 16th century tower, defended by gun-loops, controlling access to the harbour and providing a safe store for merchandise, a reminder among the modern industry and commerce of the earlier importance of the port.

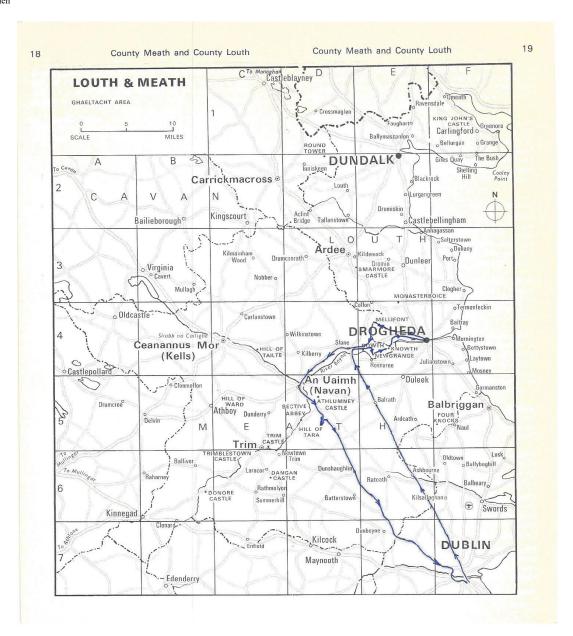
Ballygalley Castle on the coast road looks across to Scotland where the origins of its builder and its style are to be found. Built in about 1625 by James Shaw of Greenock, it is one of Ulster's few 17th century buildings still in use

Red Bay Castle, a notable landmark on a headland S of Cushendall. The ruins of a 16th century stone tower occupy the site of an earlier earthwork castle.

OSSIAN'S GRAVE (D213284), in Lubitavish, 1¾ miles WNW of Cushendall, on a hillside with fine views of Glendun and Glenaan and to Scotland. Romantically named after the legendary hero, like Ballylumford this is a prehistoric burial monument, in this case of the court grave type. A semi-circular forecourt opens into a gallery with two segments, all formerly set in an oval cairn.

LAYD CHURCH (D245289) stands beside a fast-flowing stream in a deep valley opening out to the sea. Though traditionally a friary, this seems to have been a parish church by 1300, and it was used until 1790. The church, which awaits consolidation, shows several periods of building including a west tower which may have provided





NEWGRANGE CO. MEATH

by Claire O'Kelly

Newgrange is one of the finest examples, not only in Ireland, but in Western Europe, of the type of tomb known as a passage-grave. Its probable date of erection is about 2000 B.C. It belongs to a time when stone and not metal was the everyday material for tools and weapons.

The tomb consists of a passage and chamber, the walls and roof of which are built of large slabs without mortar. A large circular mound or cairn of stones covers the tomb and a kerb of massive slabs laid on their long edges, ends touching, surrounds the base of the cairn and was intended to act as a retaining feature. Surrounding the mound but situated twelve to fifteen yards outside it, is a circle of tall, widely-spaced standing stones.

The Great Circle

Only twelve stones survive out of a possible 35 to 38 originally. The circle is 340 feet in mean diameter and encloses an area of about two acres. The four stones first seen by the visitor opposite the entrance are the largest of those that remain and stand 6 to 8 feet above original ground level. Most of the remaining stones have been broken off near the ground. None of the stones of the circle is decorated.

The Mound

This is made up of medium-sized water-rolled pebbles, 6 to 9 in. across. White quartz stones were used as an outside finishing layer, at least in the entrance area. Round boulders of granite, about the size and shape of a child's football, must have been employed also as a finishing outer layer. The cairn is 36 feet high.

> out at Knowth and the site is permanently closed to the public until these are completed.

Dowth The mound at Dowth is 50 ft. high and 280 ft. in diameter. A number of the decorated stones surrounding the bottom of the mound can still be seen. Inside there are two tombs (2500–2000 B.C.). At the entrance to the passage there is an early Christian souterrain. As a certain amount of crawling and climbing over stones is involved in getting to the first tomb, it is recommended that only persons in good physical condition make the attempt. The site is open from June to September. The hours of opening are Monday – Saturday 11 am – 1 pm and 2 – 6 pm; Sunday 3 – 7 pm.

Tickets for entrance to the site: adults 10p; students/children 5p. Directions for obtaining the key during the rest of the year are posted at the site.



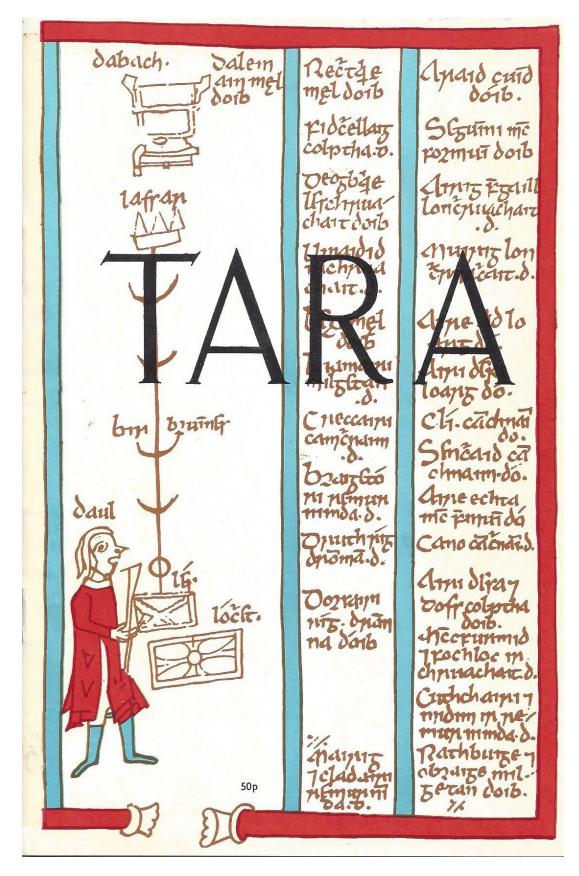


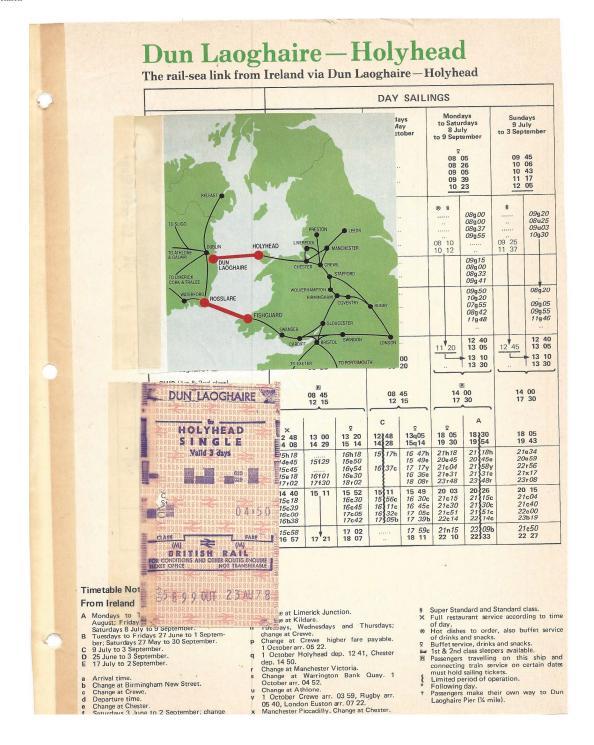
Newgrange





Newgrange





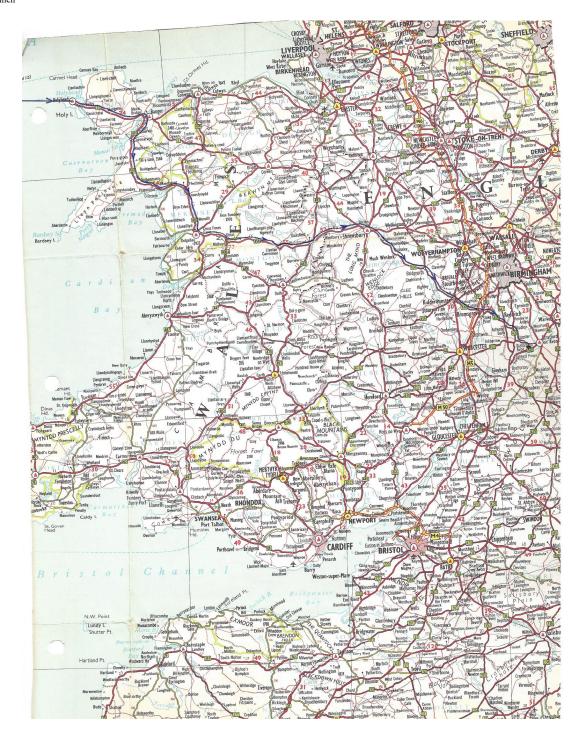
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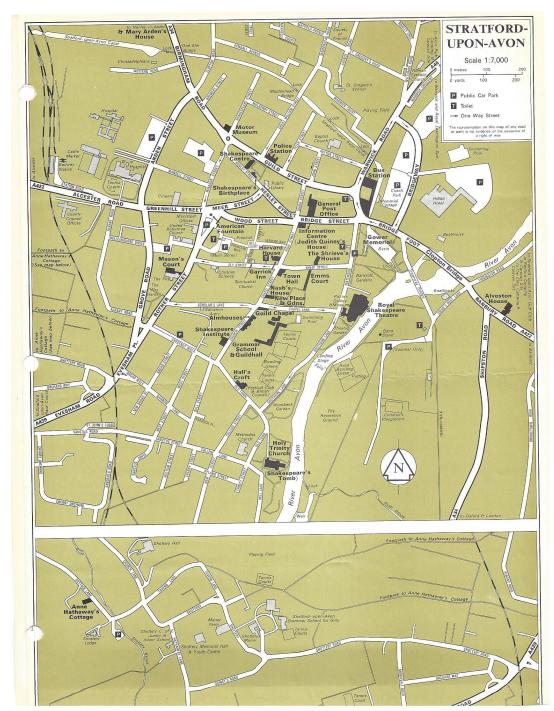






Caernarvon Castle

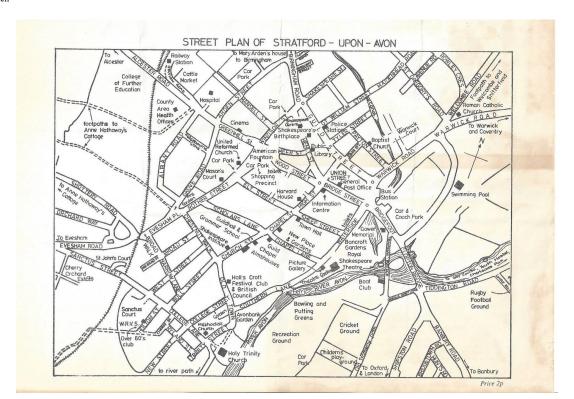


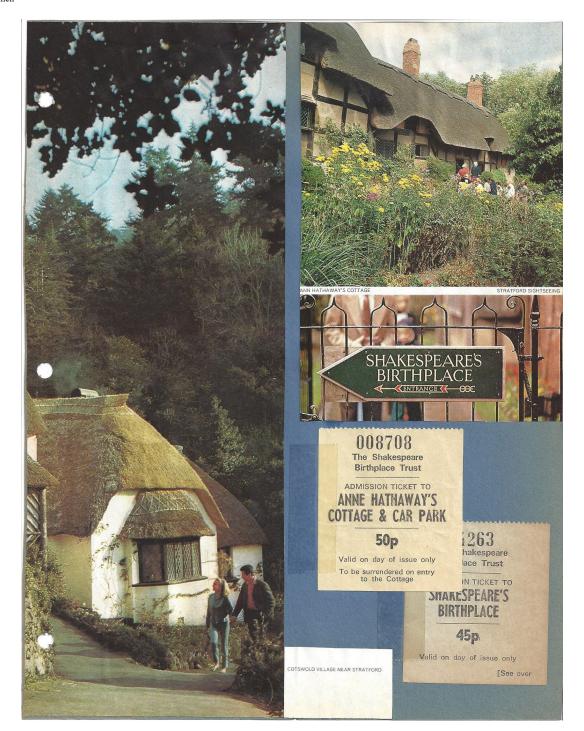


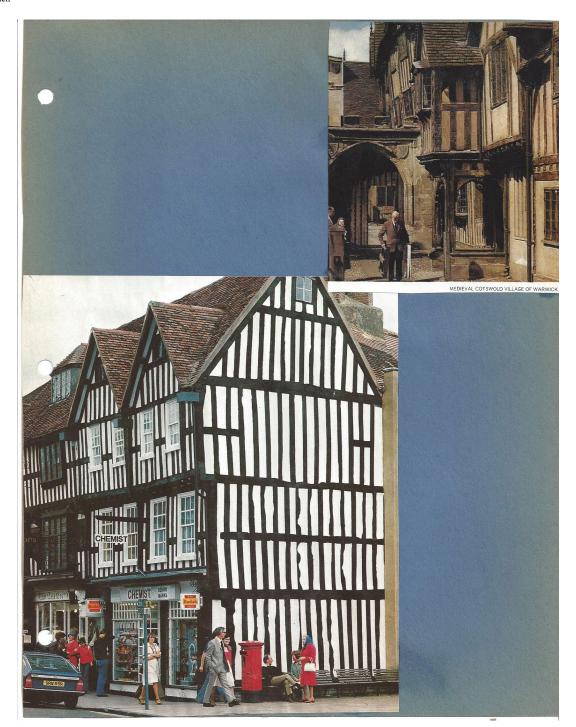


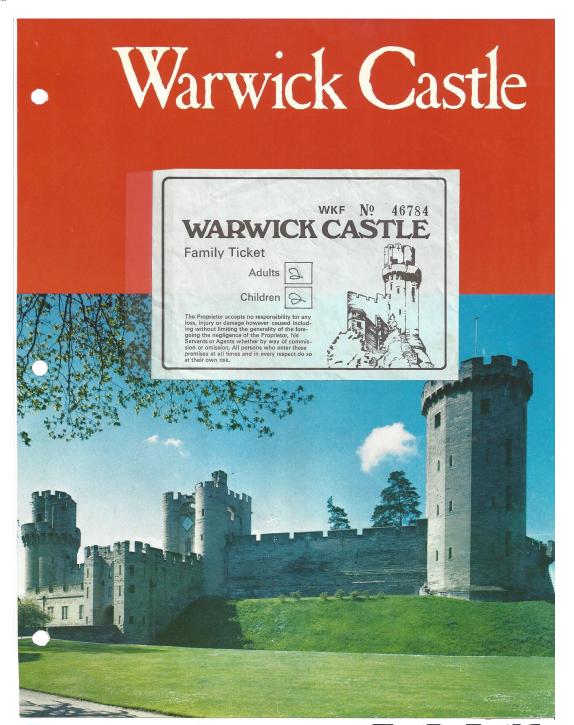


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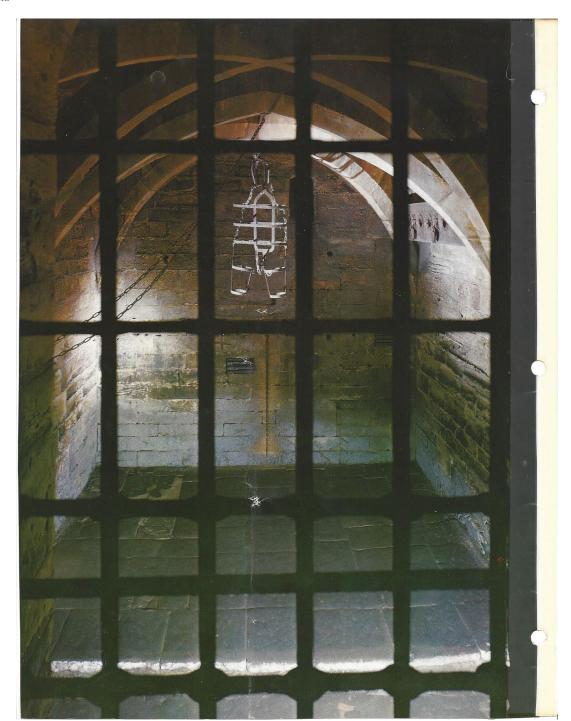


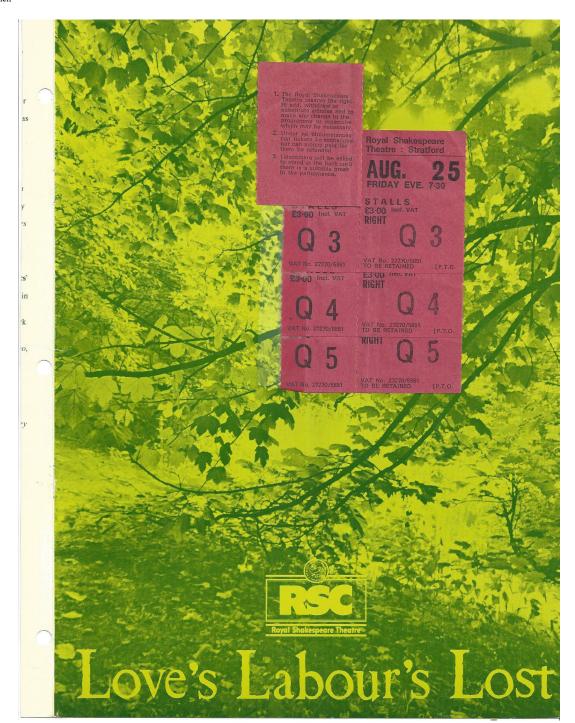




Warwick Castle

Bear Inn, Woodstock





Worcester Cathedral

The Dean and Chapter welcome you and thank you for your contribution. Without it the Cathedral cannot be maintained.

This Cathedral was founded in 680 A.D. and staffed in 962 A.D. by St. Oswald and his monks whose motto ran: "No work without prayer: no prayer without work".

It was rebuilt in 1084 by St. Wulstan whose crypt, or underground chapel, exists to this day, and was for many years a favourite place of pilgrimage.

King John requested in his will that he should be laid between the shrines of St. Oswald and St. Wulstan. His tomb, in the Quire, is adorned with the oldest carved figure of a king in England—1216.

The Cathedral was enlarged several times before John Clyve, master mason of Windsor, built the tower in 1374. Prince Arthur's Chantry is the resting place of Henry VII's elder son who would have been King of England if he had not died at the age of fifteen. During the reign of his brother, Henry VIII, in 1541, the Cathedral was re-founded with a set of rules planned "to the intent that intercession and praise may continually be offered up in the said church". In this task all visitors may play their part.

This Cathedral is a Christian church, at which worship is offered daily. The main services are:

Daily 7.45 a.m. Holy Communion.

(Also on Wednesday at 1.05 p.m.)

5.15 p.m. Evensong (sung by the Cathedral Choir on all days in School Term except Thursdays).

Sundays 9.30 a.m. Family Eucharist.

11.00 a.m. Sung Eucharist (Cathedral Choir).

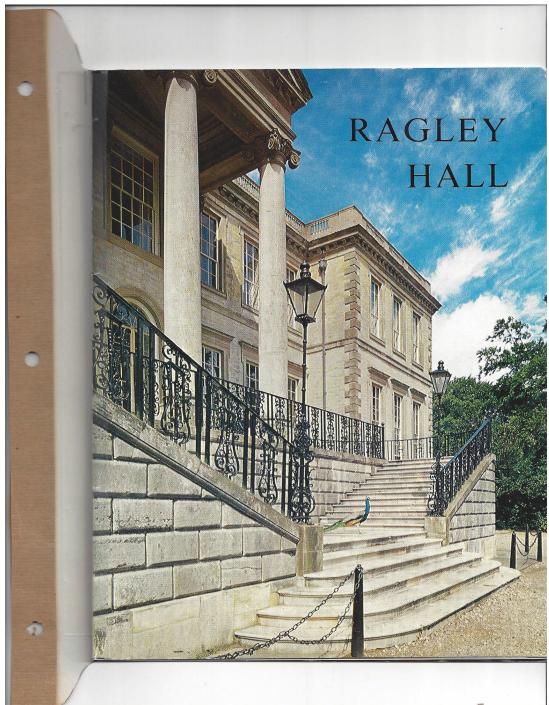
4.00 p.m. Evensong (Cathedral Choir) (School Term only).

6.30 p.m. Nave Evensong (Voluntary Choir).

If you want information or counsel, or wish to make your confession, speak to one of the Chaplains or Vergers on duty.

Guidebooks and books about Christianity are on sale at the Bookstall.

The Cathedral Choir is one of the finest in Europe. Its recordings are also on sale at the Bookstall.

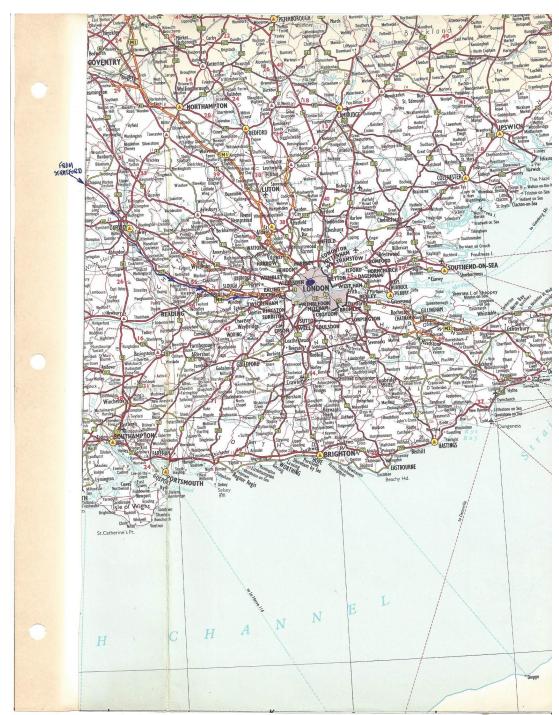








Punting in Oxford



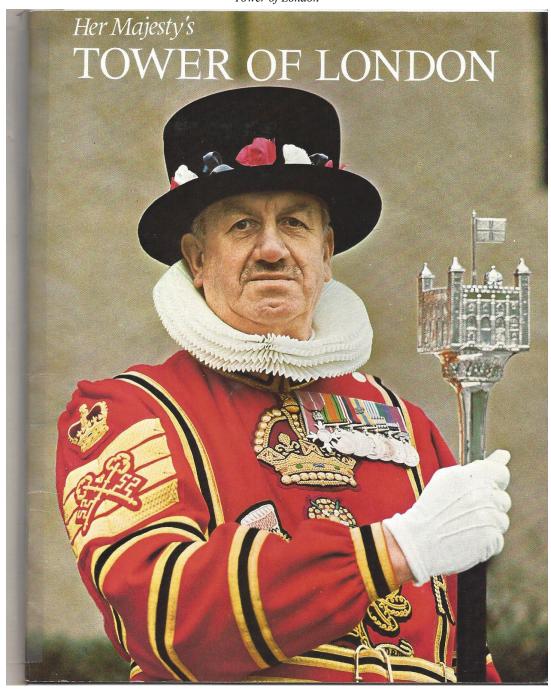




 $Tower\ of\ London$



Tower of London



The Royal and The Imperial Crown Jewels of the World



THE GREAT IMPERIAL CROWN —
CATHERINE II TZAR'S CROWN

This crown was used in the coronation of the ill fated Tzar Nicholas II on May 26, 1895.



foundations. But the Pahlavi Crown of Reza Shah the Great—towers with white aigrette plumage and fairly blinds the eye with its 10,400 gems. The Royal and the Imperial Crown Jewels of the World shows you this masterpiece in magnificent replica.

What is the oldest crown in the collection? Historians would say the Crown of the Holy Roman Empire made for Charlemagne in 800 A.D. You'll see it here in exact replica, even to the hand-painted plaques depicting Old Testamant scenes. The gems are represented by richly cut and polished stones, every single one set by hand.

The Vatican also is nobly represented. Miss McCullagh shows you a magnificent model of the modern crown given to Pope Pius IX by the Catholics of Belgium.

CROWN OF ANDES



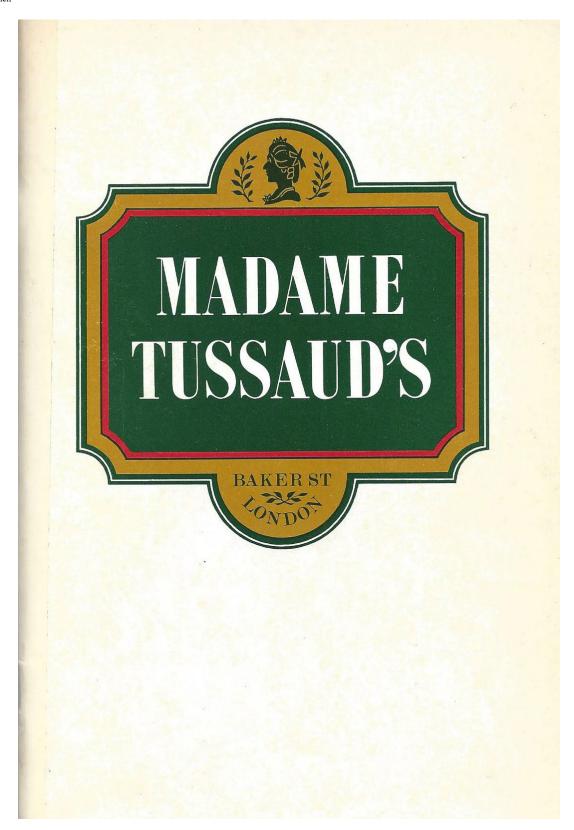
CROWN OF EMPEROR RUDOLPH OF AL

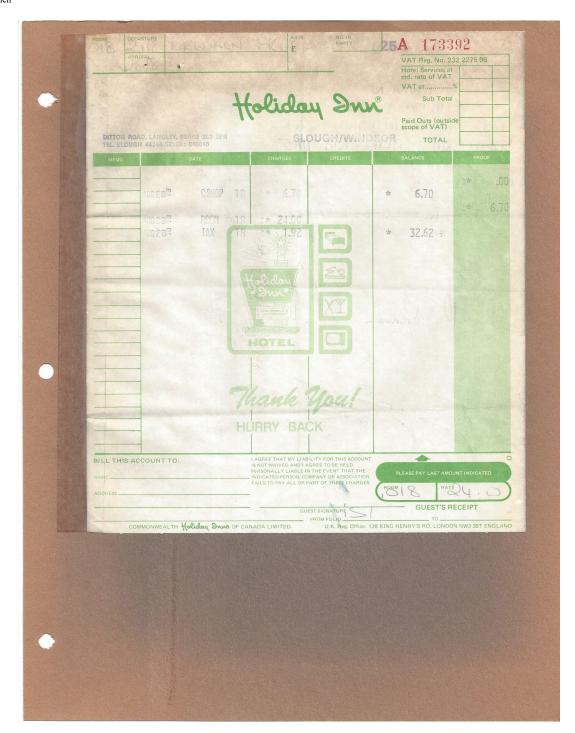
The Imperial Crown is today housed in t burg Palace — still very much as it was o made in 1602, during the reign of Ruc German Emperor from 1576.

During the course of history, many stor removed for use in other Royal Crowns, time being Empress Elizabeth's coronatio in 1867. However, court jeweller, Kochel good the losses in 1871.

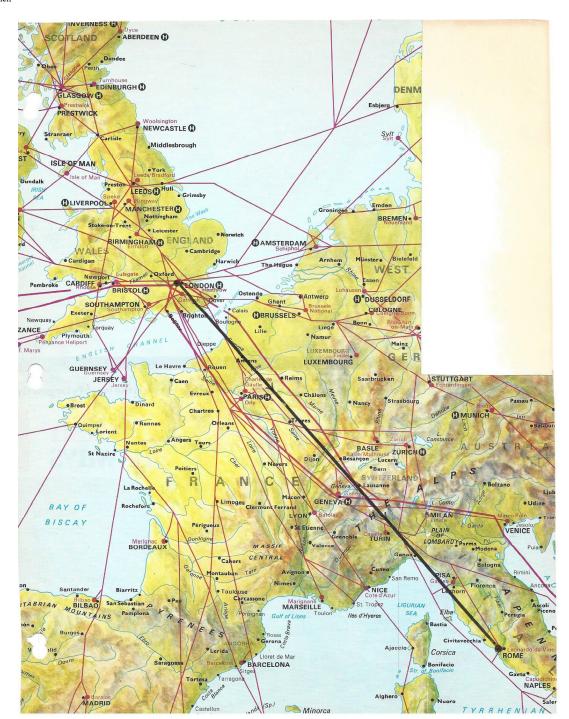
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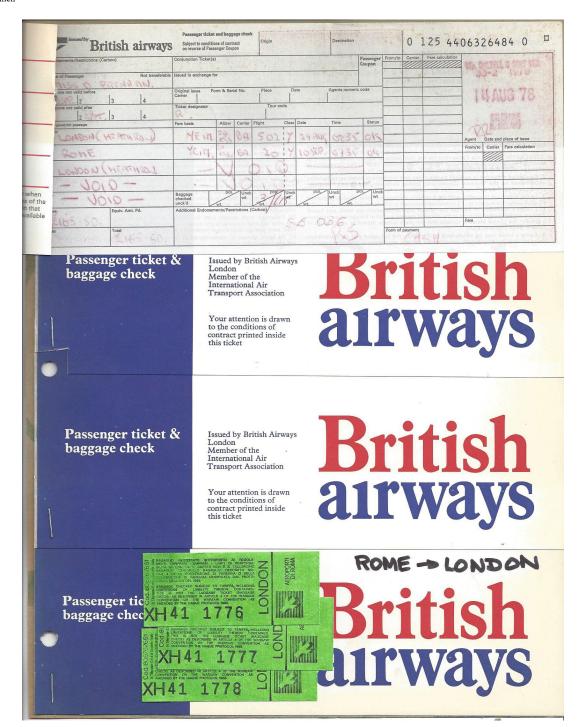






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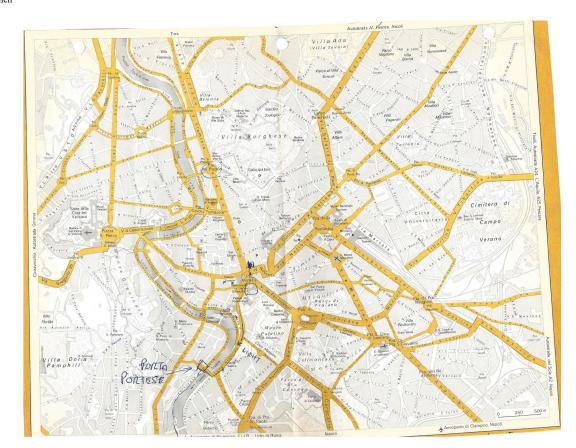


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Coliseum, Rome



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Wednesday 30th Aug 1978 Drove to boal store lary and got lots of stuff for breakfast and beyond. Bread milk, graphs, young plastic Water etc. Then down to St. Peters again. Incidentally our visit was just prior to the coronation of POPE SOHN PAUL THE FIRST was who has crowned just a few days later [He lived and reigned less than 30 days]. Visited St. Peters and saw the FIETA. Crowded. Talked with on American priest on the way out, Father Barry, who asked Paddy to how that he Father Barry, would be a good priest and told Faddy about the little boys in Ireland who said "Come back, Patrick", come back." Then walked around the outer walls to the Vatican Museum - long loving covidors with little information on any of the exhibits - lefort reaching the Eistine Chapil - remarkable. Ventaia whee we had bunch in the park by the Victor Emmanuel Monument. From there we walked around the Roman Forum. Dana and I also did the had odd and ends for dinner - list ham I cheese sandwich things brought in the boar. to the Piagga del Popolo where many people hang out in the brening - had drinks Then towned the Villa Bordshese and the areal 5.E. of it (the slopping part of Forme) before going back to bed. to bed.



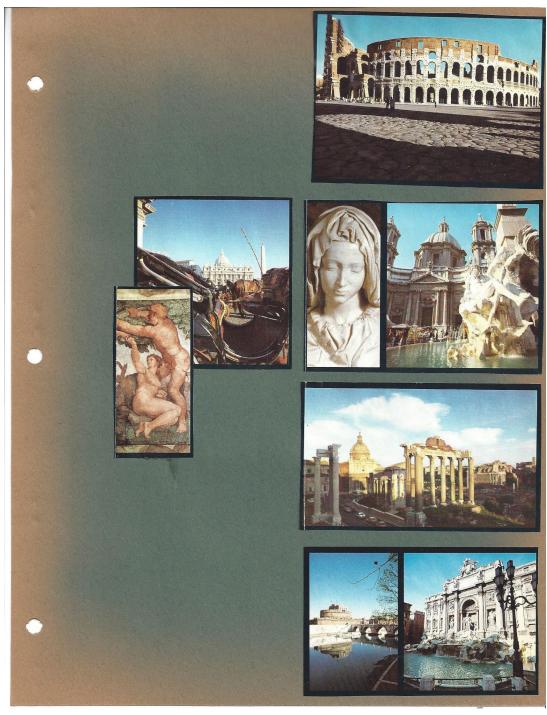


Roman Forum



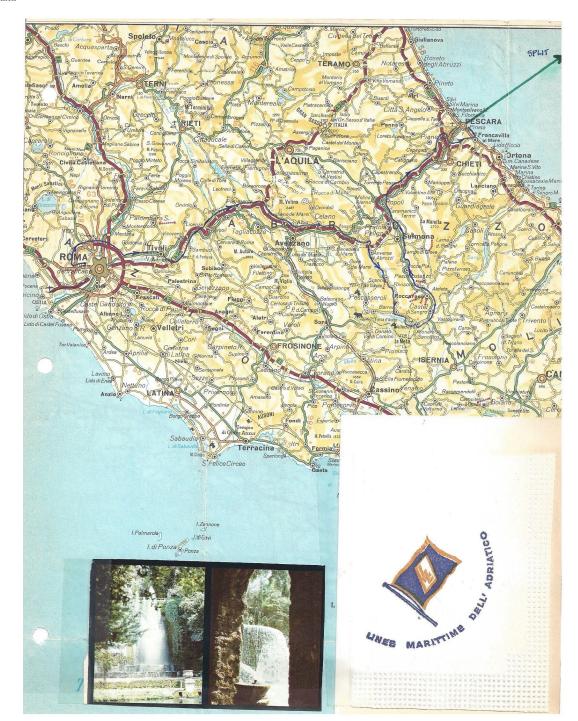


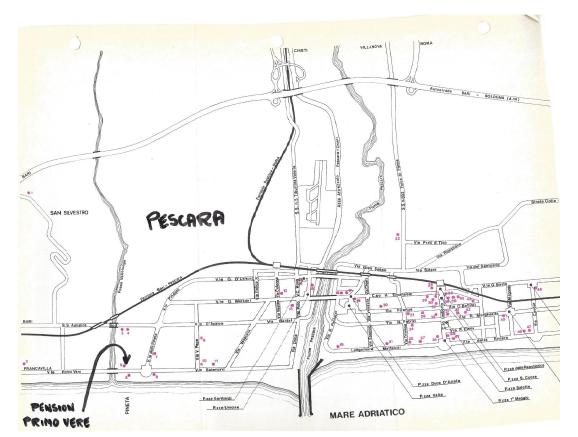
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and overlook	ng the ocean.		٥		
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with some	difficulty.				
TR	en to bed.				









Pescara Ferry to Split

NAME	CALIFORNIA INSTITU		
COURSE NO.			
FRIDAY 1	ST SEPTEMBER		
Service Annual Control of Street, Stre		H A 800 0	Aloned on
0 0 0	Breokfast at Prasian  I time to leave of PENSION. Comp YUGOSLAVIA. Son very lens on board Finally on Len I discovered the	1 Co 14 Es	me sust don
beach Till	time to leave of	St to M/S T	12 IAND gran
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to SPL-17	ised lous on troand	Ate twice as	nd well in to
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disaster un	en I discovered the	at I had lost	the keylot
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wh.	her through the form	ralities rule a	- high try
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hotel much	n coast road gain	a nottly and	luckey to
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tind a	Directed us	to the B class	HOTEL 'JA
ulieve we	chested in . Ri	ight on the sla	. Straight
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had later w	ere much better + cheap	21)	



**CAR-FERRIES** 1978



**ITALY - YUGOSLAVIA** 

from 27 FEBRUARY 1978 to 30 DECEMBER 1978

LINEE MARITTIME DELL'ADRIATICO



JUGOSLAVENSKI PUTNICI KOJI NABAVE POLAZNO/POVRATNE PUTNE KARTE U JUGOSLAVIJI IMAJU PRAVO NA POPUST OD 30% NA PUTNICKIM TARIFAMA U PERIODU OD 27-OG FEBRUARA DO 30-OG MAJA I OD 1-OG OKTOBRA DO 31-OG DECEMBRA 1978.

### SPECIAL CABIN FARES DURING DAY TRIPS ONLY IN LIT.

supplement per	DE LU	XE CLASS	STANDARD CLA				
person in:	Lido Deck	Verandah Deck	Cabin Deck	4			
- single cabin - double cabin	12.600 8.600	7.300	8.600 6.000				
- three-berth cab	in 6.000	5.300	4.700				
- four-berth cabin	5.300	4.700	4.000				

THESE CABINS ARE SOLD AND PAYABLE IN ITALIAN LIRE ONLY ON BOARDSHIP THROUGH THE HOSTESS AT THE ABOVE INDICATED FARES, WITHOUT CHARGES.

- FREE TRANSPORTATION OF COACHES AND CARAVANS EXCEPT JULY & AUGUST; the following conditions are applicable:

   free transportation of coach (over 16 seats) is granted on condition that at least for half of the seats available in the coach passenger tickets are bought; for empty coaches, or coaches with less than 50% of occupied seats, normal rate is to be applied.

   free transportation for the caravan is granted on condition that at least 2 passenger tickets are bought apart from ticket
- that at least 2 passenger tickets are bought apart from ticket required for the car.

50% REDUCTION FOR RETURN JOURNEY OF YOUR VEHICLE is calculated on the homeward journey. Such reduction is also applied when the return journey is from/ a different port, e.g.: Ancona/Dubrovnik and Split/Pescara: \$ 36.00+50% of \$ 30.50-\$ 51.25, 20.00+50% of \$ 17.00-\$ 28:50. This reduction is only granted on condition that the outward/homeward tickets are issued together.

													ST DECEMBER		RODO 23
PASSENGER FARES IN US DOLLARS & ENGLISH POUNDS (taxes included)															
				DE L	UXE	CL	ASS	27		5	STANDARD CLASS				
			IDO» D	eck - L/	L	«VERAN	IDAH» De	eck-L/C		7	«CABIN	» Deck			for child
ROUTE		single outside cabin	double outside cabin	3-berth outside cabin	4-berth outside cabin (1)	double outside cabin	3-berth outside cabin	4-berth outside cabin	for child 4 until 14 years deduct	single outside cabin	double outside cabin	3-berth outside cabin	4-berth outside cabin	passage only	4 until 14 years deduct
ANDONA TABAB	\$	38.50	31.00	26.00	25.00	28.50	25.00	23.50	-3.50	29.50	24.50	22.00	21.00	13.50	-3.00
ANCONA - ZADAR or viceversa	£	21.00	17-00	14.00	13-50	15.50	13.50	13.00	-2.00	16.50	13-50	12.50	11.50	7-50	-1.50
	\$	48.00	40.50	35.50	34.50	38.00	34.50	33.00	-8.00	37.00	32.00	29.50	28.50	21.00	-6.50
ANCONA - DUBROVNIK or viceversa	£	26.50	22-50	19-50	19.00	21.00	19-00	18.50	-4-50	20-50	17.50	16.50	15.50	11.50	-3.50
	\$	41.50	34.00	29.00	28.00	31.50	28.00	26.50	-4.00	32.00	27.00	24.50	23.50	16.00	-3.50
BARI - DUBROVNIK or viceversa	£	23-00	19-00	16.00	15.50	17-50	15-50	15-00	-2.50	18-00	15.00	14-00	13-00	9.00	-2.00
	\$	39.00	31.50	26.50	25.50	29.00	25.50	24.00	-4.50	29.50	24.50	22.00	21.00	13.50	-3.50
PESCARA - PRIMOSTEN or viceversa	£	21-50	17-50	14-50	14-00	16-00	14.00	13-50	-2-50	16.50	13-50	12-50	11-50	7.50	-2.00

### NOTE:

NOTE:

(1) Only M/S *Tiziano*

Passage fare is included in the cabin fares quoted.

Drinks and meals are not included in the fares.

Passengers travelling by night and in possession of passage ticket only, have to pay a supplement of \$ 4.00/£ 2:00 on embarkation for reclining (aircraft type) seat accommodation.

M/S «TINTORETTO» - M/S «TIZIANO»

SELF-SERVICE (Meals are payable only on boardship)

Lit. 800 Lunch or dinner Lit. 3.500

medium cost

VEHICLE RATES IN US DOLLARS & ENGLISH POUNDS (taxes included)															
			CARS		MINIBUS	COA	CHES	ri 🕙		TRAII overali		CARA overall		LORI with/without meter ove	t trailer per
ROUTE		up to 950 kg.	951 to 1200 kg.	over 1200 kg.	CAMPERS coaches (up to	16 to 30 seats	over 30 seats	To		2 wheels	for/with boats until 4 m. (2)	up to 4 m.	from 4 m. to 6 m. (2)	empty	part or fully loaded
	\$	27.50	38.50	49.50	60.00	71.00	87.00	3.50	7.50	11.00	27.50	38.50	49.50	9.50	17.50
ANCONA - ZADAR or viceversa	£	15.00	21.00	27-00	33.00	39-00	47-50	2.00	4-00	6-00	15.00	21.00	27-00	5.50	9-50
ANDONE TERMS ANDONE	\$	41.50	58.00	74.50	90.00	106.50	130.50	5.50	11.50	16.50	41.50	58.00	74.50	14.50	26.50
ANCONA - ZADAR - ANCONA	£	22-50	31-50	40.50	49-50	58-50	71.50	3-00	6.00	9.00	22-50	31-50	40-50	8.50	14-50
	\$	36.00	51.50	66.00	83.00	98.50	120.50	5.00	9.50	16.50	36.00	51.50	66.00	13.50	22.00
ANCONA - DUBROVNIK or viceversa	£	20-00	28-00	36-00	45-50	54-00	66.00	3.00	5.00	9-00	20.00	28-00	36-00	7.50	12.00
THE PROPERTY AND PARTY.	\$	54.00	77.50	99.00	124.50	148.00	181.00	7.50	14.50	25.00	54.00	77.50	99.00	20.50	33.00
ANCONA - DUBROVNIK - ANCONA	3	30.00	42.00	54.00	68-50	81-00	99-00	4.50	7.50	13-50	30.00	42-00	54-00	11.50	18.00
BARI - DUBROVNIK or viceversa	\$	30.50	43.00	55.00	63.50	76.00	92.50	4.00	9.00	14.50	30.50	43.00	55.00	10.00	18.00
PESCARA - SPLIT or viceversa PESCARA - PRIMOSTEN or viceversa	£	17-00	23-50	30-00	35-00	41.50	50-50	2.00	5.00	8-00	17-00	23-50	30.00	5.50	10.00
BARI - DUBROVNIK - BARI	\$	46.00	64.50	82.50	95.50	114.00	139.00	6.00	13.50	22.00	46.00	64.50	82.50	15.00	27.00
PESCARA - SPLIT - PESCARA PESCARA - PRIMOSTEN - PESCARA	£	25.50	35-50	45-00	52-50	62-50	76-00	3.00	7.50	12-00	25.50	35-50	45.00	8-50	15.00

- (2) A supplement of \$ 7.00/€ 4·00 has to be paid per meter for trailers exceeding 4 meters and for caravans exceeding 6 meters.

  Vehicles must be presented at the Port Agency two hours before departure.

- Boats and motor boats, with or without engine, are admitted only with trailers (see trailer rates). For other types, rates must be requested. Pneumatic boats are admitted on the roof of the vehicles on condition that they do not create any difficulty on stowage-operations.

		TUTE OF TECHNOL	
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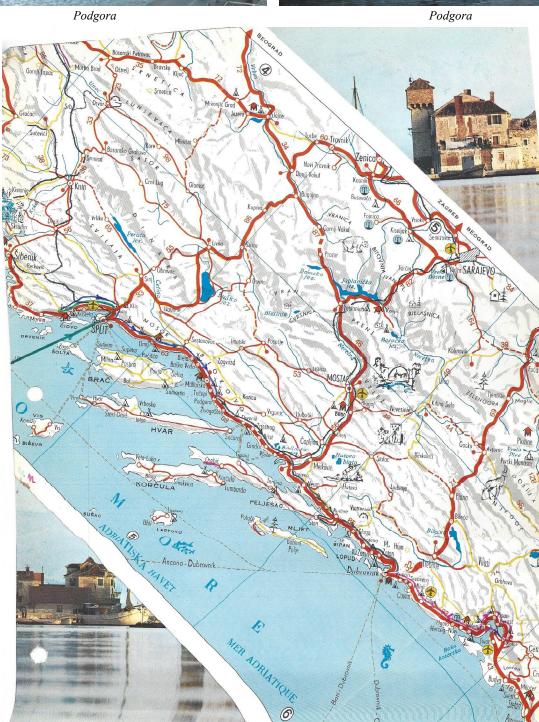


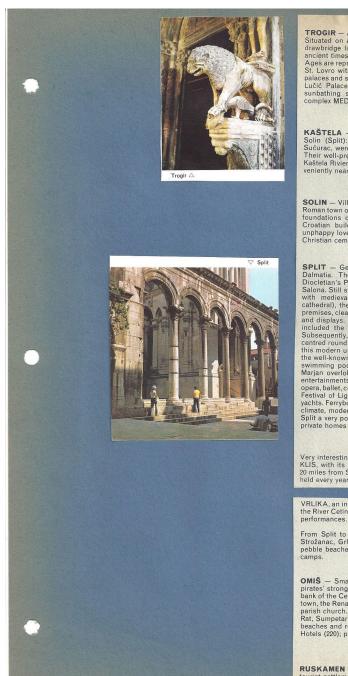


Trogir









TROGIR — A "museum town", truly representative of Dalmatian history. Situated on an island connected to the mainland by a bridge; another drawbridge links it with the island of Ciovo. The sole monument from ancient times is the relief showing the Deity and Petronius. The Middle Ages are represented by many monuments: the Romanesque cathedral of St. Lovro with the portal by Master Radovan; the Gothic Duke's Court, palaces and several Dominican monasteries; the Renaissance Loggia; the Lučić Palace; the baroque Pamfogna Palace. Several swimming and sunbathling spots. Hotels (420); private homes (1000). Modern hotel complex MEDENA in nearby SEGET (1302).

LIJON DEXMUE

KAŠTELA — The seven small towns ("castles") between Trogir and Solin (Split): Štafilić, Novi, Stari, Łukšić, Kambelovac, Gomilica and Sućurac, were built as parts of a fortification system against the Turks. Their well-preserved befries and churches characterise the 8 mile long Kaštela Riviera. Hotels (1400); private homes (7200). Split Airport is conveniently near

DAXEAP!

SOLIN — Village at the mouth of the Jadro stream. Excavations of the old Roman town of Salona between the old and new Trogir-Split road, with the foundations of the Roman theatre, amphitheatre and the sites of old Croatian buildings. A sarcophagus enscribed with the story of the unphappy love of Phaedra and Hippolite has been discovered in the old Christian cemetery in Manastiri.

SPLIT — Geographic, traffic, economic, cultural and tourist centre of Dalmatia. The first settlement developed round the well-preserved Diocletian's Palace (4th century) which offered shelter to refugees from Salona. Still standing are three of its corner towers, the four gates, walls with medieval additions, the Peristyle, Jupiter's Temple (now the cathedral), the mausoleum (baptistry) and the vestibule. The basement premises, cleared in the past ten years, are now being used for exhibitions and displays. In the Middle Ages new houses built in the empty spaces included the Gothic-Renaissance Papalic Palace (Museum of Split). Subsequently, the town spread outside the walls of Diocletian's Palace and centred round the main square with the town hall and clock tower. Today this modern university town has many museums and galleries, including the well-known Mestrović Gallery. Several modern bathing places, indoor swimming pool with heated sea-water, sports events, walks on Mount Marjan overloking the town and offering fine panoramic views. Varied entertainments and the well-known Split Summer Festival presenting opera, ballet, concerts and folklore performances and also the International Festival of Light Music ("Melodies of the Adriatic"). Special marina for yachts. Ferryboatto Pescara (Italy) and many nearby islands. The very mild climate, modern hotels and numerous events throughout the year make Split a very popular winter resort. Several hotels of all categories (2080); private homes (3900).

OBAY OBAX BE @1/61/

Very interesting excursions to nearby coastal resorts and to the islands: KLIS, with its well-preserved fortress; SINJ, a small picturesque village 20 miles from Split, well-known for the "Alka" tournament for horsemen, held every year at the beginning of August and attracting many tourists:

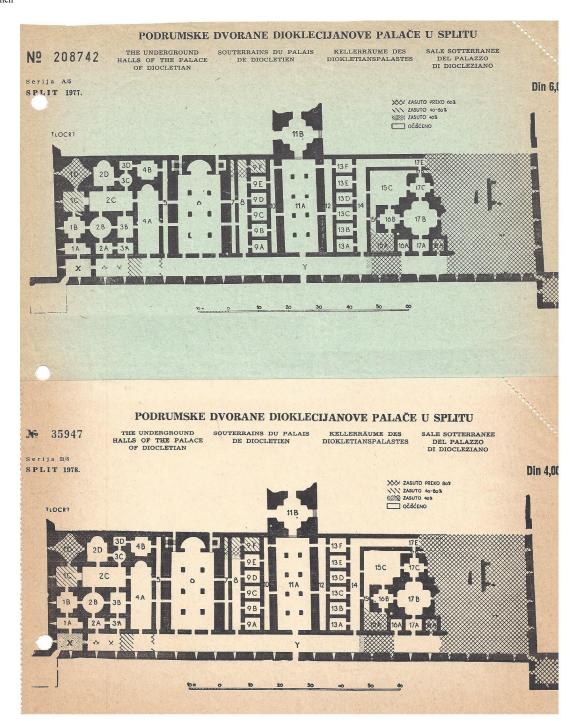
VRLIKA, an interesting village of the Dalmatinska Zagora at the source of the River Cetina, an area of beautiful national costumes and many folklore

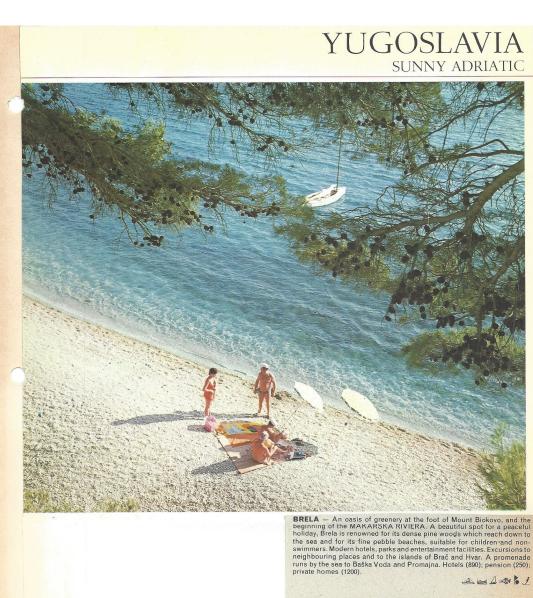
From Split to OMIS there are several small fishing villages (Stobrec, Strožanac, Grljevac, St. Martin, etc.), all with small pleasant sandy and pebble beaches. Accommodation available in private homes (3000) and camps.

OMIŠ — Small town and harbour at the mouth of the Cetina. Once a pirates' stronghold and trading town, now a summer resort. On the right bank of the Cetina, in Priko, is the old Croatian church of St. Petar; in the town, the Renaissance church of Sveti Duh (Holy Ghost) and the baroque parish church. West of the town are the sandy beaches of Dugi and Mali Rat, Sumpetar, Krilo; the shore east of the town is steeper, with smaller beaches and resorts. Sailing on River Cetina to the Sarin Otok (island). Hotels (220); private homes (3000).

AXD A BIL

RUSKAMEN — Summer resort almost 5 miles south of Omiš with a new tourist settlement. Hotels (340). Fishing villages of Mimice and Pisak in picturesque settings with beaches suitable for families with children.





BAŠKA VODA — Summer resort about 6 miles from Makarska, formerly a lively harbour. Beautiful beaches in coves fringed by pine woods. Hotels (180); private homes (3070).

MAKARSKA — The centre of the Makarska Riviera. In the heart of the town is the monument to the poet Andrija Kačić Miošić, and the Shell Museum (in the Franciscan Monastery) with a huge collection of shells from all parts of the world. The harbour stretches between two small peninsulas; the main beach is over one mile long with other beaches in coves fringed with pines. The town has an open-air stage and is a sports centre for almost every water sport. Hotels (1280): boarding houses (230): private homes (6400).

URSE NO.		FITUTE OF TECHNO	SHEET	
SUNDAY	3RD SEPT.			
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Coast north of Dubrovnik

OREBIĆ — This old fishing village with a maritime tradition lies on the south coast of the peninsula of Pelješac. It is rapidly developing into a pleasant tourist resort with modern hotels. There are many interesting houses, some of them veritable museums of various objects collected fron all over the world. An agreeable climate, sandy beaches, lush vegetation and complete peace make it a very restful resort. Excursion to Korčula and Mijet. Beautiful view of coastline between Makarska and Dubrovnik fron the St. Ilija Mountain. Pleasant walks along the sea. Frequent daily ferriboats to Korčula. Hotels (1260); private homes (1360). Romanesque-Gothic church; several rebuilt baroque houses. Hotels and pavilions (1000); private homes (1370). LION WAX PODGORA — A small fishing village in a magnificent bay surrounded by pine woods, three miles from Tučepi. An increasingly popular resort for those seeking peace and rest. There is a stone monument commemorating the founding of the Partisan Navy. Beautiful beaches, mainly of sand, suitable for children and non-swimmers. Excursions to neighbouring places and to the ancient settlements on the slopes of Mount Biokovo. Hotels and chalets (1530); private homes (3100). A A X A B A I I XX ZI LOVIŠTE, VIGANJ and KUĆIŠTE — Villages to the west of Orebić with good beaches, lush vegetation and pleasant climate. Private homes Lovište (320): Viganj (150); Kućište (150). IGRANE — South of Podgora, an interesting place built on a precipitous hill above the sea. Beautiful beaches, good wine. Private homes (670). ŽIVOGOŠĆE — Beautifully situated, with a delightful beach and lush vegetation. Modern hotels with chalets (710); private homes (450). TRSTENIK and ŽULJANA — Fishing villages to the east of Orebić with beautiful sandy beaches and dense pine woods reaching down to the sea Private homes; Trstenik (110); Žuljana (80). **DRVENIK** — A small seaside resort with a ferry service to Sucuraj on the island of Brač. Boarding house (50); private homes (500). STON — Small town and harbour in the narrowest part of the Pelješac Peninsula. The "second town" of the old Dubrovnik Republic and its sall supplier (saltworks still in operation). The Dubrovnik Republic had both the lakes of Vellki and Mall Ston encircled with walls, bastions and towers, mostly in ruins today. The preserved monuments include the Gothic building of the former Office of the Republic, the Bishop's Palace, the Franciscan cloister and many stone monuments. Oyster beds. Beaches on both sides of town. Hotels (110); private homes (130). & V = X BRIST — Village at the southern end of the Makarska Riviera, with nice beaches and olive groves. Private homes (200). GRADAC — Old fishing village at the foot of the Biokovo with a long pebble beach. Hotel and pavilions (770); private homes (3000). SLANO — Village and summer resort in a cove. Several cultural monuments and beautiful landscape. Pebble beaches. Comfortable new hotels and other tourist facilities. Excursions to Ston, Dubrovnik, Trsteno and VJETRENICA, a cave in Popovo Polje. Hotels (900); private homes (400). LISON MEDX WELL ZAOSTROG — Near to Gradac, with an old monastery and beach. Hotel NEUM and KLEK — Fishing villages off the Adriatic Highway on the Bosnian-Herzegovinian Riviera. Boarding houses and private homes (100).

PLOČE — Harbour on the delta of the Neretva River and terminal of the Sarajevo—Ploče railway, with a newly-built housing area. Shooting (swamp birds) and fishing in the delta of the Neretva. Hotel (90).

METKOVIĆ — Twelve miles from Ploče, an important commercial centre on the River Neretva. Museum with rich collection of stuffed birds. Hotel

TRPANJ — Village on the northern side of the Pelješac peñinsula and connected by ferry to Ploče. Picturesque landscape with pine woods; beaches and coves suitable for swimming. Hotel (220); private homes (1050).

CICALLAR VALLE

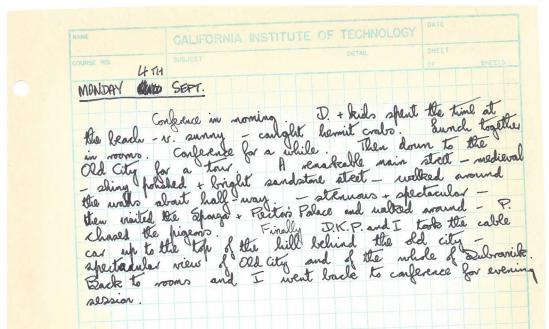
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TRSTENO — Famous park with rich vegetation and exotic subtropical plants, founded by the Dubrovnik family of Gučetić. At the entrance, just below the Adriatic Highway, are two gigantic plane trees dating back to Napoleon's time, with a spring gushing behind them. Boarding houses (27); private homes (150).

**VELIKI ZATON** and **MALI ZATON** — Two villages at the foot of a wooded cove, opposite the Dubrovnik harbour of Gruž. Private homes (600).

**DUBROVNIK** — The most interesting and beautiful tourist resort of Yugoslavia. Founded in the 7th century, it is today preserved as it was at the end of the 15th century. The whole town is encircled by high stone walls. There are many museums in Dubrovnik but the town itself is a museum with a history to almost every house. Among the most beautiful and important monuments: Doge's Palace; Sponza Palace; Onofri's Fountain; the Franciscan Monastery with one of the oldest pharmacies in the world; the baroque church of St. Vlaho (Patron Saint of the city), and the town

P.T.O.





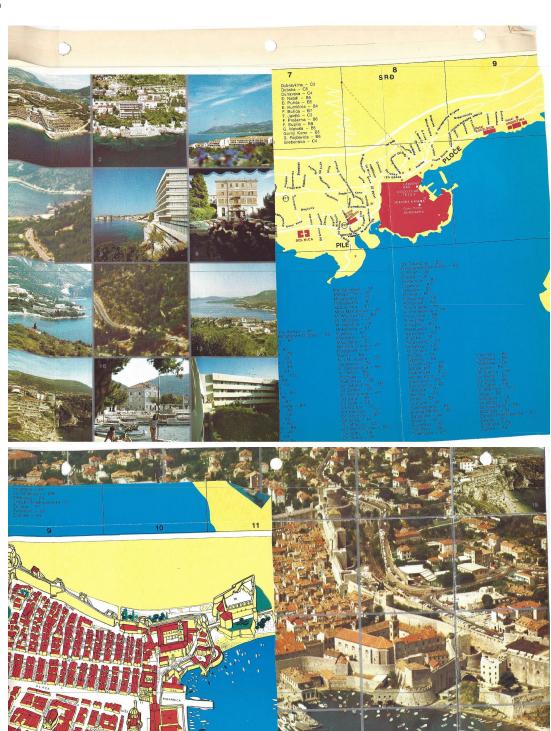


Dubrovnik



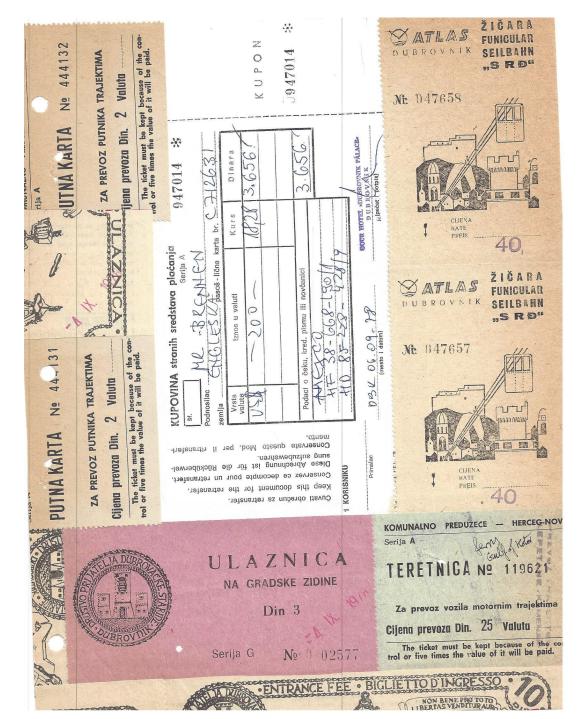


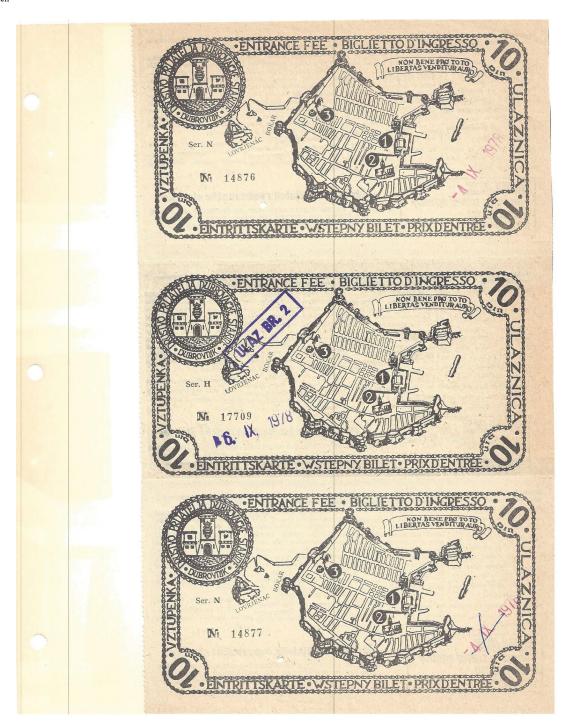
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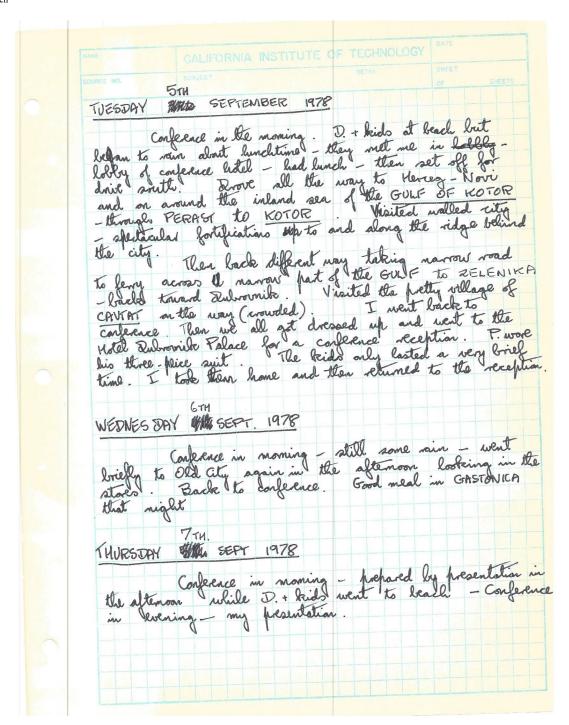








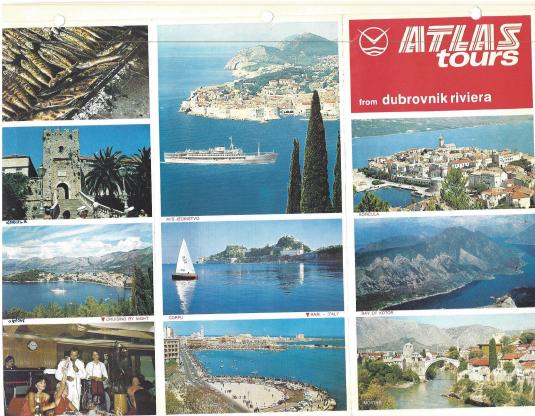




ICHMT Seminar on Two Phase Flows, Dubrovnik, Yugoslavia, Sept. 1978.

Brennen, C. (1979). The unsteady, dynamic response of phase changes in hydraulic systems. In Two-phase momentum, heat and mass transfer in chemical process and energy engineering systems, ed. F. Durst, G.V. Tsiklauri and N. H. Afgan, Hemisphere Publ. Co., 2, 747-758.





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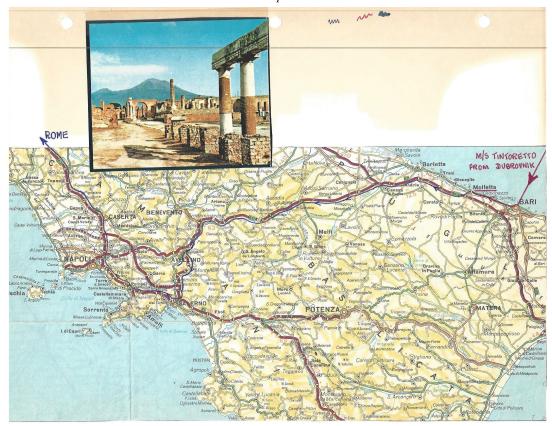


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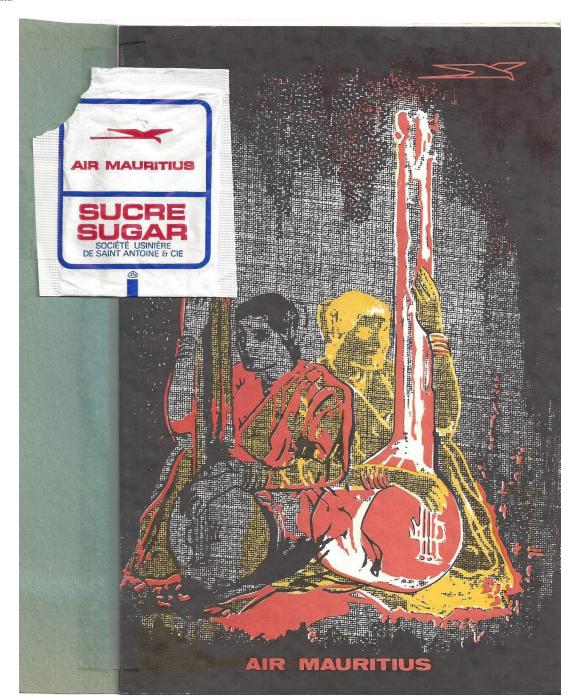


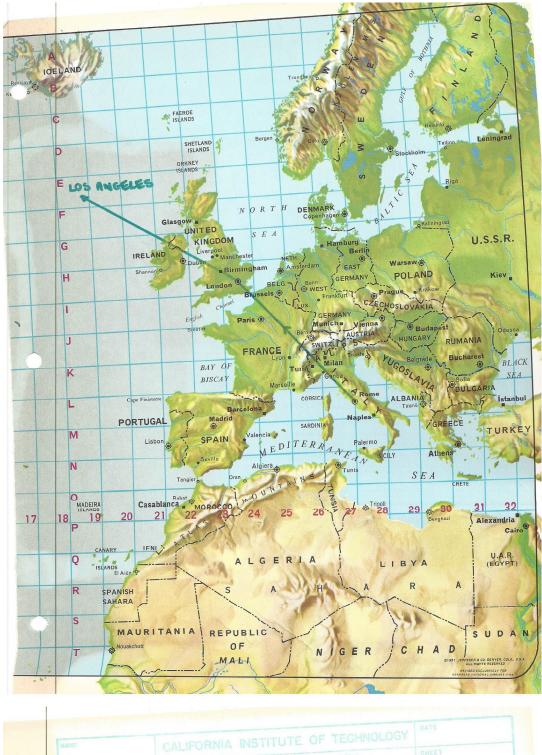


Pompeii



on the way and then taking ring road and ros around Rome and then the road to the airport. damage to the lower comers of each of the doors - wheneathy denied - seemed and was a standard trick - went as luther after my protestations. Then instead of flying out the next morning we decided to try to fly to Sondon immediately. Sust missed getting on as standly on immediately. Sust missed getting on as standly on B.A. Flight at 7.00 pm - brooked and checked in brags for B.A. Glight - as time approached this was delayed - and delayed again, etc. matil 2.00 pm into Rome for the night and resume the flight late the next morning. But we would then have missed the borden > h.A. plane. Finally we decided to stick it out for the night at Rome airport. Unconfortable plastic hard seato - sleeping impossible. Talked with two Britono returning from Surgar. 10 TH SEPT 1978 SUNDAY A Kenya Airlines plane was due to leave for Sondon at 7.00 pm. After much trouble getting our flight coupons back from Bitish Airways we checked in for this light despite the fact that this would mean leaving our baggage on the B.A. Clight. & But ranga Ailides does not show up — a plant with AIR MAURITIUS hulls in Italians linally figure out this must be a replacement for tenya Ailides plane. Finally we broad it at 10.30 pm — probably too lote to catch sondon > L.A. plane. Then our luck began to turn. Filst radiod ahead to have one car waiting to take us to the L.A. plane — this was all laid on — very apood service. They even agreed to check our good service. They were agreed to sheek our stord bags out of the left buggage in Teminal 3, Heathour





CALIFORNIA INSTITUTE OF TECHNOLOGY

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## Back to table of contents

Last updated 7/30/99. Christopher E. Brennen TOFR 1977-78

* ME 19 *
third term - 9 units
C. Brennen
Fluid Mechanics and Gasdynamics

Total responses: 19 of 29 (66%)
hours per week mean: 7.50 std. dev.: 1.76
% lec attended mean: 90.79 std. dev.: 21.62
% homewk comp mean: 99.21 std. dev.: 3.44

	1	2	3	4	5	6	7	m	sd
enthusiasm	0	0	1	1	5	8	4	5.68	1.06
clarity	0	0	1	1	1	3	13	6.37	1.16
work load	0	1	1	10	6	0	1	4.32	1.00
text	0	0	2	0	5	2	1	5.00	1.25
rapport	0	1	0	1	3	8	5	5.78	1.26
interest	0	1	0	3	1	6	7	5.78	1.44
rec. course	0	1	0	0	2	9	7	6.05	1.18
rec. lecturer	0	0	1	0	3	6	9	6.16	1.07

Breakdown of class: So 2; Jr 17.
Breakdown of option: APh 2; Eng 11; Others 6.
Breakdown of grade: A 7; B 9; C 1.
Breakdown of requirement?: yes 8; no 10.

(4 comments) Brennen is a very clear, thorough, and well prepared lecturer. Sabersky, who teaches first and second terms, is also excellent. (BAO)



Mr. Alan Crockard (second left), consultant neuro-surgeon at the neuro-surgical ward of the Royal Victoria Hospital, with (from left) Mr. Mr. Michael Brennan and Mr. Alan Leonard, consultant plastic surgeons, and Dr. Sean Young, consultant anæthetist, who carried out the operation on Mr. Elliott last week.

# RAG DAY WOMAN MURDER VICTIM BURIED

NORMA SPENCE, the young civilian searcher shot dead by terrorists on Rag Day, was buried today. Many of her 270 colleagues from search units in the city were in the congregation which packed Dundonald Presbyterian Church for the funeral service.

Their duties in the city centre were taken over for the day by RUC, UDR and military police.

# BRAIN TEAM TAKES A BOW

THIS is the team of three Belfast surgeons and an anaethetist who made medical history by performing a brain operation never before carried out in Ire-

A the person who made another niche for himself in the surgical reference books, the patient Mr. John Elliott, of Ballysillan, is making good progress, and may be going home in a few days.

Mr. Alan Crockard, consultant surgeon in the neuro-surgical department of the hospital, and leader

of the team which carried out the operation on 58year-old Mr. Elliott, said today: "We are hoping to let him home within the next day or two But it is too early to say when he will be able to go back to his work as a driver."

The sophisiticated operation, which has been performed only a few times in the United Kingdom, chalked up another "first" for the Royal when it took place on Mr. Elliott's 58th birthday, almost a fortnight

And today, as microfilm and pictures of the operation - which involved joining the temporal artery to the middle cerebral artery in the brain - went on display, Mr. Crockard and his team talked of how their work in different fields of surgery can be successfully merged in major operations.

The other members of the team are Mr. Michael Brennen and Mr. Alan Leonard, both plastic surgeons and Dr. Sean Young, con-

sultant anaethetist. Mr. Leonard said; "We

# Compo can't come

ACTOR Bill Owen, "Compo" from the television series "Last of the Summer Wine", has had to call off a visit to Ulster.

He was due to arrive on Thursday as a guest of the Northern Ireland Association of Boys' Clubs.

Association chairman Mr. Bill Robson said today: "Bill has had to take over a role in an important production at the last minute. He's very disappointed. He has promised that he will The amount collected visit the Province as soon as he can."



# Approval

Mr. William J. Devlin ha been granted planning ap proval for a new pub a Union Street, Cookstown The original pub was exten sively damaged by a prox van bomb blast about fou years ago.

# Record

Hillsborough and district for the Poppy Fund was local record at £793.

# Winner

### GEORGIA INSTITUTE OF TECHNOLOGY School of Mechanical Engineering

### SEMINAR IN MECHANICAL ENGINEERING

SPEAKER: Dr. Christopher Brennen

Associate Professor of Mechanical Engineering

California Institute of Technology

TIME:

Monday, November 13, 1978, 2:00 pm

PLACE: Room 212, Mechanical Engineering Building

TITLE: The Unsteady Dynamic Characteristics of Hydraulic Systems with

Phase Change

This talk will focus on the unsteady dynamic behavior of hydraulic systems and in particular on the dynamic characteristics of internal flows with phase change. This emphasis is motivated by the large number of different flows of this kind which exhibits "active" dynamic characteristics and therefore have the potential to cause instabilities in the whole hydraulic system of which they are a part. Examples of the instabilities observed in evaporators, condensers, cavitating turbomachines and B.W.R. pressure suppression systems. Experimental and analytical studies of the dynamics of the latitude type of flow with phase change will be discussed.

WEM

### CALIFORNIA INSTITUTE OF TECHNOLOGY

PASADENA, CALIFORNIA 91125

OFFICE OF THE PRESIDENT 340-32 April 14, 1978

TELEPHONE (213) 795-6811

Dr. Christopher Brennen 3840 Mayfair Drive Pasadena, California 91107

Dear Dr. Brennen:

This has been a special year for Caltech, and I personally thank you for your support during this period.

For your records, the Executive Committee of the Board of Trustees, at its meeting on February 13, 1978, approved an increase in salary to \$30,500 per annum effective October 1, 1978. A sum of approximately \$5,596 will be added to your retirement, insurance and other staff benefits.

Many of you diligently work to obtain funding for research. These efforts are a significant asset to our financial condition. I take this opportunity to express my appreciation and that of the Trustees for all your assistance in our common endeavor.

Sincerely,
Robert Chesty

R. F. Christy
Acting President

cc: Provost

R. H. Cannon