## The Polish Review



## SALUTE TO THE POLISH NAVY

 1.ard long years of foregagn explor itation had left her poor
and ruined. Her seacoast was without a single port. Danzig and ruined. Her seacoast was without a single port. Danzig,
theoretically international, was actually under German in fluence. So Poland, most devastated of all nations, had to start from rock-bottom, without a port, and with no ships. In twenty years of independence Poland attained a leading
position among the maritime nations of the world. Gdynia grew from a fishing village to the greatest port on the Baltic and one of the largest in Europe. When Hitler attacked Poland her navy was the second largest in the Baltic and aggression stopped the construction of an adequate merchant fleet and the expansion of the navy
Germany concentrated an overwhelming naval, air and
land force against Poland's 45 -mile attempt to bottle up the Polish navy came to naught. Nearly all the Polish merchant fleet escaped, and the Polish navy fought to the last in the hopeless battle of the Balisic. The
German task force was too German task force was too powerful to withstand, but not
powerful enough to crush the Poles. Some Polish naval units powerful enough to crush the Poles. Some Polish naval units
broke the German blockade and got through to England.
Side Side by side with units of the Royal Navy they have been fighting the enemy ever since.
The Polish "Merchant Marine, consisting of the liners
"Batory" and "Pilsudski" and ships built for service in the Baltic, are on all the seas of the world, in allied convoys to Murmansk and Africa, in landing operations at Dieppe,
in Africa, in Sicily and in Italy. Polish ships are even in in Arrica, in sicily and in Italy. Polish ships
Far Eastern waters in the war against Japan.
When in the Middle East, General Kazimierz Sosnkowski visited the Polish submarines Dzik and Sokol, which have iterranean, and addressed the crews. The tribute paid to them by General Sosnkowski was a tribute to all the Polish navy and merchant vessels fighting for the allied caus "Sailors!
"A few days ago we celebrated the twenty-fifth anniver
sary of the Polish Navy. Today I repeat what I then said: sary of the Polish Nary. Today I repeat what I then said
your war deeds are the noblest gitt you can make to the your war deeds
are well knons of life on a submarine and the strain of battle structure: powerful forces of nature and a feo ever fragile structure: pozverful forces of nature and a foe ever vigilan
and ferocious.

This issue of "The Polish Review" is dedicated to the Polish five merchant vessels by the United States to the Polish Republic for the duration. This friendly gesture to some extent replaces the heavy losses suffered by the Polish Merchant Marie der the banner of the White Eagle.
The first of these ships to be transferred is the $\mathrm{S} / \mathrm{S}$ "KIELCE,"
now in itse final states of construction now in its final stages of construction at Pennsylvania Ship-
yards, Beaumont, Texas. She will soon be followed by $\mathrm{S} / \mathrm{S}$ "KUTNO" (named to honor the City of Kutno, where a tel day battle took place in September, 1939); the $\mathrm{S} / \mathrm{S}$ "KOWEL," $\mathrm{S} / \mathrm{S}$ "KOLNO" and $\mathrm{S} / \mathrm{S}$ "KROSNO." All five vessels a named after towns located in various parts of Poland.
To celebrate the active and glorious deeds of the Polish Navy
and Merchant Marine in the battle for the freedom of the and Merchant Marine in the batile for the freedom of the
seven seas, a "Salute to the Polish Nayy seven seas, a Salue to che Polish Navy and Merchant Marine
meeting was held on March 12, 1944, at Manhattan Center New York City.
"Submarine service calls for complete team work, for grea
strength of spirit of all from the commander dowe People strength of spirit of all from the commander down. Peopl
on land who read in their morning papers of submarine victories, do not realise what will power, swift decision, skill and ingenuity is required to track dowon the enemy, attack
with torpedoes verify the results and if necessary to fnish with torpedoes, verify the results and if necessary to finis
off your crippled prey. And all the while, the submarine off your crippled prey. And all the while, the subm
must be maneuvered between depth charges and mines. "The glorious deeds of the Polish navy comfort the hearts
of Poles in Poland and abroad. They tell of the shinit that of Poles in Poland and abroad. They tell of the spirit that
animates our young navy. A broad seacoast and the grat animates our young navy. A broad seacoast and the grati-
tude of the native land weill be the best reward for Polish sailors who now, in the sweat and toil of battle, are laying the foundation of our future strength on the sea, indispensable the security and welfare of Poland.
"Therefore I proclaim, that the submarines Dzik and
Sokoo have deserved well of Poland. "Let us stand for a minute in silence to honor the memory of the officers, ensigns and sailors who will not see the shores "Long live, P

## P O L I S H N A V Y

Thy other day in a vell knownt British Harbor,

 Looked around uppon all the great shitis of waur whicich lay at their anchors, and at all the preparations which
were being made on every side to carry this war forvard were being made on every side to carry tais war forware
at all costs as long as may be necessary, I comforted myself with the thought that when these Polish sailors have finished their work weith the British Navy we will
take particular care that they once more have a home to take particular care that they once more have a home to
go to."
-Winston Churchile,
Broadcast, March 30, 1940
O
all the allied navies the Polish Navy was the first of fight and has been in constant action from Septemside with British, American and other United Now tions warships it is carrying death and destruction to the enemy on all the seven sea.
The Polish navy possessed at the time of Hitler's unprovoked aggression, one destroyer hotina (Grom, Byyskazvica
Burza and Wicher), one submarine flotilla (Orzel, Sep Wilk, Rys and Zbik), the Minelayer Gryf, a flotilla of six mine trawlers, a few small torpedo boats a and gunboats, the training ship Iskra and the transport Wilia. The total ton-
nage of the Polish fighting ships was 14,433 tons and the nage of the Polish fighting ships was 14,433 tons and the
personnel consisted of 300 officers and 3,200 men. There were also some auxiliary ships and a river flotilla of 6 gunboats and 12 patrol vessels on the Pripec and the eastern
rivers. Two other destroyers were being built in the Gdynia rivers. Two other destroyers were being but
Naval Dockyards, when the war broke out.
The disproportion between the Polish and the German
forces was so great that on the eve of the war Vice-Admiral forces was so great that on the eve of the war Vice-Admiral Swirski, in command of the Polish navy since 1925, agreed
with the Polish supreme command and the British Admiralty, to send three destroyers to Great Britain, to save part
of the Polish Navy from destruction, and enable it to fight side by side with Poland's Allies. These destroyers passed
through the Sound on the first day of the war. The rest of the fleet remained to fight it out with the Germans Against the tiny remnant of the Polish fleet was pitted an
array of German battleships, heavy guns and aircraft. The array of German battleships, heavy guns and aircraft. The
attacking force was made up of two German battleships, one cruiser, 12 destroyers and motor torpedo boats, 50 smaller vessels of various kinds and 150 planes. The Germans backed
up this sea power with powerful land forces consisting of two up this sea power with powerful land forces consisting of two
infantry divisions, one armored brigade, two armored trains carrying 6 -inch guns. The Poles were fighting against hope-
less odds, but they fought to the bitter end. less odds, but they fought to the bitter end.
Polish submarines operated in the Baltic for forty days
Three of them were damared and interned in ${ }^{\text {a }}$. two others, the Wilk and the Orzel forced the German blockade of the Baltic and reached Great Britain. The Orsel,
which operated in the Baltic from September which operated in the Baltic from September 1 to October
14, was interned in Estonia. After an adventurous escape it arrived in England.
The small Polish garrison of 260 men on the Westerplatt the guns of the Schleswig-Holstein from a distance of only 300 yards, only 60 Poles survived the assault.
The Gdynia-Oksywie naval area held out for 19 days
with twelve guns, 2,000 sailors and a battalion of marines with twelve guns, 2,000 sailors and a battalion of marines
Hel peninsula fought desperately for 32 days, until it ran Hel oninsua fought desperately for ammunition. days, until it ran
During the battle of the Baltic, the Polish Navy inflicted

Gizable losses on German naval units. Probab the first tember 7, 1939 by the destroyer Blyskazuica. This Polist vessel was the first allied ship attacked by naval torpedo air
craft. The Germans lost one destroyer sunk off Hel penin sula; one destroyer damaged by fire from Polish vessels; th battleship Schleswig-Holstein damaged; two trawlers and
two patrol vessels sunk. Polish anti-aircraft batteries shot two patrol vessels sunk. Polish an. aircraft batteries sho
down 53 German planes for certain. Immediately after the Germans overran the Baltic, Polish
ships began their operations with the British Navy and ran sluips began their operations with the British Navy and ran
up an amazing record. The Orzel sunk the German troop up an aio de Janeiro with several thousand soldiers on thei way to Norway. In May, 1940, the destroyers Blyskazuica Burza and Grom took part in the allied invasion of Narvik
during which the Polish Highland Brigade so greatly disduring which the Polish Highland Brigade so greatly dis
tinguished itself. The Grom was sunk by German seaplanes The same month the destroyer Garland was commissioned
to the Polish Navy. Still in active service, this warship has to the Polish Navy. Still in active service, this warship has set a record for distance covered on active service. It ha
travelled 170,000 miles. Polish ships, the Burza and Blyska wica evacuated British forces from Calais and Dunkirk in
May and June, 1940 , May and June, 1940 . the war's most unusual undersea fights between submarine by ramming and sinking a German U-boat with a head-o collision. The Wilk, although damaged, managed to limy
home to a British port, but not before she had rum the home to a British port, but not before she had run the
gauntlet of almost 50 depth charges sent over her wounded
shell by German surf gauntlet of almost surface craft. The Will was forced to
shell by German surg
main under water for twenty hours during that attack main under water for twenty hours during that attack.
The Polish Navy also took part in the sinking of
Bismarck The Polish The Polish Navy also took part in the sinking of the
Bismarck. The Polish destroyer Piorun was the first ship



Under the Polish Flog.
to sight the Bismarck on May 26th. 1941, after the G-rman battleship had evaded her pursuers for several days. Piorun
engaged the Bismarck and maneuvered with such skill that engaged the bismarck and maneuvered with such skill that to damage her. Captain Vian in command of the destrove flotilla signalled congratulations to the Polish commander for sighting the Bismarck and for dauntlessly attacking it.
Polish naval activity in 1941 was highlighted by the $g$. Polish naval activity in 1941 was highlighted by the glor
ous achievements of the submarine Sokol. In 214 consecutiv days of active duty in the Mediterranean she sank a large Italian destroyer in the port of Navarino, on the toe of Hellenic peninsula, after penetrating heavy enemy defense
in Greek waters. The submarine Sokol spotted the destrove among a fleet of three transports and two destroyers an chored in the port. As the Polish submarine coursed he
way slowly to attack, it became entangled in an anti-sub way slowly to attack, it became entangled in an anti-sul
marine net. The Sokol wriggled out of this and then fire its torpedoes. The destroyer was sunk and later the Soko torpedoed a transport and damaged a second destroyer
Before completing the operation the Sokol sunk another Before completing the operation the Sokol sunk anothe
transport. A few weeks later the Sokol sent an Italian auxil iary cruiser near Naples to the bottom. She sunk two more

In 1941, Polish destroyers escorted convoys to the mostbombed area in the world, Malta, participated in the "Battl Norway. Convoy duty and offensive action continued to high-light the naval action of Polish naval units in 1942 . The most ramatic work was escorting aird convoys to Russia. Th U-boats and planes for five days. Half of the Polish crew were killed or wounded, but destroyer and convoy reache heir destination. Three Polish destroyers and three Polis submarines helped to escort American and British convoys On August 18, 1042, in the raid on Dieppe the Polish destroyer Slasak, with the Luftwaffe the Slazak shot down two Dorniers, one Messerschmitt and one Junker, equalling the records set by British destroyer for enemy planes shot down in 194 he Slazak's
November, 1942. marked the turning point of the war

## WHAT POLISH MERCHANT



Madonna of Svarzewo - Patronness of Polish Seamen.
Woodcut by Tadeuss Ciestewski, Jt.

PRior to the outbeak or this war very few poople out
side Poland knew anything about what Poland had
dien side poand zanew anything about what Poland had




 Polands only two ports, Gdxnia and Daniip would bo ocerl
pied by enemy foreses and the Merchant fleet cut off from




 left amounted to three medium-sized vessels, and all coasta
craft, as well as many fishing smacks were sunk resisting the enemy. The three medium-sized vessels, the S.S. Toru the S.S. Olza (built in the Gdynia shipyards) and the S.S Tcsew were sunk with loads of ballast at the entran
the port of Gdynia to delay German use of the harbor. At the close of the Polish campaign of 1939 three othe vessels, the M.S. Rozeevie, the S.S. Poznan and the S.S
Slask, were still in Swedish ports, Slask, were still in Swedish ports, at Stockholm, Lulea and
Gevle. The Germans had complete control of the Gevle. The Germans had complete control of the approache
to these ports, and demanded that the Swedish government to these ports, and demanded that the Swedish government
turn these ships over to them. Overcoming incredible difficulties the Polish ships managed to escape from the Baltic to the North Sea, which it was comparatively an easy matter for
them to cross over to Great Britain. To ensure their safery the British Admiralty sent out an escort to meet the Polish ships.

This was the first instance of a convoy operation in this war. No less than $95 \%$ of the total tonnage of the
Merchant Marine escaped the clutches of the enemy. Polish merchant vessels at once began to play their par with the Merchant Fleets of the Allies in carrying supplies troops, equipment and food. The larger liners, the Pilsudski, Batory, Sobieski.-Chrobry and Pulaski, helped to bring troops
from the British Dominions and the French Colonies, and ollected Polish soldiers from ports in the Mediterranea o join up with the new Polish Army. In the invasion of wegian ports. Later during the Battle for France, they helped o transport troops and equipment to the French and Belgia ports. Unfortunately, shortly afterwards they helped evacuate The Polish flag was also present at Dunkirk
One incident of this early period of the war is worth recall ing. It happened at Dakar. The French authorities had interned several dozen allied vessels, including six Polish
ships. The French removed important parts of the ship machinery and equipment, and the ship papers and naviga tion charts were also taken to prevent their escape. In addition, heavy coastal guns and patrol vessels, as well as boom
and nets across the harbor entrance, were intended to ensur that the internment would be permanent. Yet, despite a these apparently insuperable difficulties, it was not long be fore the six Polish ships escaped from Dakar.
The war at sea continued. Great Britain threatened. The luxury liner Batory evacuated more than 500 British children to Australia. Other vessels helped to keep the British fortress supplied, and took an active par
in the Battle of the Atlantic. Yet other units were engage in the Mediterranean, transporting Allied troops, participat-
ing in the battles of Greece and Crete and then Syria ing in the battles of Greece and Crete, and then Syria. Later

## SHIPS DO FOR VICTORY

which the Polish Carpathian Brigade was then helping to
defend. defend.
Finally came the Allied offensive. The Allies began with Finally came the Allied offensive. The Allies began with
Madagascar. The ship which carried the commandos who opened the battle for the island was a Polish passenger liner.
It was the first Allied ship to enter the Bay of Diego Suarez It was the first Allied ship to enter the Bay of Diego Suarez
and the port of Antsiran.
With the Soviet Union in the war, a new sphere of and the port of Antsiran.
With the Soviet Union in the war, a new sphere of
activity for merchant vessels was opened - carrying supplies activity for merchant vessels was opened-carrying supplies
to Arctic ports. The Polish Merchant Fleet was repre-
sented in that task also. Its ships sailed the dangerous sented in that task also. Its ships sailed the dangerous
waters of the Arctic to the northern ports with arms, ammunition and food for the Soviet armies and people. On this route the S.S. Tobruk distinguished herself by effectively
repelling the attack of four German dive-bombers and shootrepeling the attack of four German dive-bombers and shoot-
ing down two of them. The same vessel was later damaged so heavily by German bombs that she was thought lost Thanks to its seaworthiness and the devotion of its crew, it succeeded in returning to its British base.
During the Eighth Army offensive an Algiers and Morocco the Polish Merchant Fleet was again well represented. In the latter actions $25 \%$ of the total Po lish merchant tonnage was engaged, and Polish ships were
singled out for special commendation by the commander of singled out for special commendation by the commander of
the expedition. Polish ships took part in the invasion of
Sicily Sicily, and later of the Italian mainland. During the land-
ing and fighting for beachheads at Salerno one of the Polish crews especially distinguished themselves by their courage and daring.
Even in the Far East, on the Pacific and Indian Oceans, Japan. They were engaged in transferring troops from front to front, during the tragic days of withdrawal from Malaya Burma and
A number of Polish Merchant officers and men have been decorated for their exploits. They include two D.S.C.s, one


Polish Merchantman Zagloba on northern lanes.


By the KING'S Order the name of Piotr Sawicki,
$5^{\text {rd }}$ Mate of ssKimuch
was placed on record on
commended for
Merchant Navy.

I Merchant Navy. high appreciation of the service rendered.
huishods. Chanchic
Prime Minister and First Lord
.hation Palish seaman signed by Prime Minister Churctir
D.S.C. with bar, three Mentions in Dispatches, three Cer M.B.E.s.
tincates
mit

These men hold an equal place with the officers and of Great Britain, the United States, Fighting France, Norway, Holland, Bel
gium, etc. Although the Polish Merchant Fleet is smal tonnage, it has played an mportant role on the seven Poland is making prepara-
tions and plans for the future. She is determined to have secure access to the sea. So every effort is being made o enlarge the ranks of
professional Polish seafaring personnel and naval experts, oday by no means adequate 1 numbers for their tasks,
Besides this preparations Bave already been made to take up the more important
branches of maritime trate branches of maritime trade
and activity as soon as the war and activity as soon as the war
ends. Of first importance is the State Naval School, originally founded in Gdynia, now
ropened in Great Britain. Its future officers are trained and courses are held for skippers, ngineers, wireless operators
and sailors for the Merchant and sailors for the Merchant
Fleet. Also, in various British schools and shipyards men re being trained as a nucleus (Please tum to page 15)

## Miracle of Gdynia-From Fishing Village to Modern Seaport

$b y$ A. HAUS $a n d$ A. BAUER
$\mathrm{I}^{\mathrm{N}} 1920$ the vilage of Gdynia consisted of some hundred cottages with thatched roofs stood along either side of the one and only main street leading to the sandy beach. To
the south, pine forests stretched as far as the eye could see, the south, pine forests stretched as far as the eye could see,
while to the east and northwest the village was protected from from the prevailing winds by the Stone Hill and the
Oxywie Hills. Oxywie Hills.
Work began on the port in 1924. "Hundreds of workers,
human ants, are busy on the scaffolding. Here and there some may be seen perched on high ladders far away in the superstructure : from a distance, blown by the wind, they look
like flags at a masthead. The faces of the workers are like flags at a masthead. The faces of the workers are
whipped by the wind and burned by the sun. Their clogs knock against the boards as they go about their business. Their clothes are worn by hard work, the wind, heat and ain. In trying to see the result of heir work as a whole, to grasp the meaning of their effort, they hope to lessen the
physical strain on their muscles .." (a free translation from Wind from the Sea by the Polish novelist St. Zeromski). This stupendous enterprise was planned by Polish engi-
neers and technicians, who were helped by French, Belgian, neers and technicians, who were helped by French, Belgian,
Dutch and British experts. Mammoth dredges tore up peat bogs. Huge iron suction pumps sucked sand from the
beaches and dumped it where the beaches had to be banked up. Where once was dry land canals appeared, where once on newly deposited soil foundations. The quays were built of reinforced concrete, and concrete breakwaters sheltere m the open se
with some doubt, but Poland's this ambitious enterpris with some doubt, but Poland's German enemies openly
mocked at the "foolish adventure of the Poles, who are wasting money they can hardly spare.
There certainly was good reason to doubt the success of
this gigantic undertaking. Poland emerged from the this gigantic undertaking. Poland emerged from the last wa
a ruined and devastated country, Her economic life a ruined and devastated country. Her economic life wa
disorganized, her monetary system in chaos. Everything ha to be rebuilt. There was a demand for everything, from factories, railways, roads, and houses down to the common
necessities of daily life. To make things worst there was no capital available for investment.
Germany might laugh at the obstinate efforts of the Poles
to liberate their country from the dangerous economic control of their enemy. She ignored the great tenacity, courage tro
and industry of the Poles, who were eager to make good the time lost during more than a century of slavery.
first basin, that known as the Coal Basin with began, the first basin, that known as the Coal Basin with its quay 380 yards long (the Swedish Quay) was opened. Here, ships
were loaded with Polish coal for Sweden and other Scandinavian countries.
During the following year, the largest of the basins, that and discharging seneral cargoes and discharging general cargoes. One wharf on the Indian
Quay, where the foundations of huge rice mills were laid down, two years later served as a landing stage for big trans oceanic cargo steamers bringing rice direct from Indian ports. Between 1932 and 1934 a special zone was created for the free and exclusive use of Czechoslovakian shipping.
In 1926 Gdynia had only one basin and one quay: in 1937
it had eight basins and about 30 quays and jetties
it had eight basins and about 30 quays and jetties.
jetties is illustrated by the following figures: of quays and


Foverish activity in Gdynia harbor.

In 1926 the length of quays and jetties was
454 yards 1929
1931
1935
 Special appliances. had to be erected for the loading and special appliances had to be erected for the loading and
discharging of goods; sheds and warehouses had to be built for their storage.
The most up-to-date electric cranes, conveyors and similar
installations, specially adapted for certain bulk commoditie installations, specially adapted for certrain bulk commoditities,
were constructed. In 1928, there were three cranes, with loading capacity of 430 tons an hour: in 1938, there were 87 , with a loading capacity of 7,750 tons an hourr. Some were
of recent invention, and were tried out at Gdynia for the first time.
For the refuelling of coal-burning ships there were three cranes to load ships lying at anchor in the roads outside the harbor. These were specially built for Gdynia Harbor

Large warehouses were built beside the quays and jetties For the storage of foodstuffs-bacon, butter, eggs and poul-Britain-a five-story cold storage was constructed with ove Britain-a ive-story cold storage was constructed with ove
180,000 sq. ft. of storage space. This is the largest store 180,000 sq. ft . of storage space. This is the largest store of
its kind in Europe. For fish other cold stores were erected on the English Quay.
Poland is also
Poland is also a grain exporter. In connection with this
trade large elevators were built on the Indian trade large elevators were built on the Indian Quay. The
Polish Co-operative Wholesale Society had its own warehouse in the harbor for its export and import trade. A mod ern maritime passenger station with everything needed for handling passenger traffic and the rapid trans-shipment of
mail and luggage was finished in 1932. Altogether, by 1938, the storage area in Gdynia dock amounted to $2,654,524 \mathrm{sq}$. ft . In addition there were large
dumps for coal, scrap iron, and iron ores. There was accomdumps for coal, scrap iron, and
modation also for stacking timbe
modation also for stacking timber.
Most ports are situated on the estuaries of great rivers. That is an advantageous position, linking as it does, the port

Danzig is built at the mouth of the Vistula, whereas Danzig is built at the mouth of the Vistula, whereas
Gdynia has no means of communication by river. This handicap had to be overcome by a well-planned development of
railway lines in Gdynia port itself by connecting Gdynia with railway lines in Gdynia port itself by connecting Gdynia with
the main industrial centers of Poland by rail. In 1926, the length of railway track in Gd
miles; in 1931, 66 miles; and in 1939, 148.5 miles.
The railways built during the nineteenth and early twen-
tieth centuries by the three partitioning powers of Poland, tieth centuries by the three partitioning powers of Poland,
were ill adapted to the country's needs. Russia, Prussia and Austria built railways from considerations of military trategy or their own needs. Railways in Poland were therere built to serve To the new Poland fell the hard task of reorganizing and developing these communications.
There was, for example, no direct railway communication and the port of Danzig, because Germany had directed the raffic from Upper Silesia to her ports at Stettin and Hamburg. But in 1934 a new railway line linking Gdynia with
the industrial and mining centers of southwestern Poland was put into service, and a scheme for the construction of a canal between Gdynia and the same area was under conIn spite of the fact that Gdynia was not directly connected with the Vistula, a large number of barges laden with all sorts of cargo regularly arrived at the port from the Vistula nd Warta rivers, via Danzig. In the summer a regular and down the Vistula
In 1926 only 314 ships of 209,928 net registered tonnage
passed through Gdyia passed through Gdynia. In 1938 the net registered tonnage
passing through Gdynia was $6,506,000$. While traffic in other passing through Gdynia was aso, lime traffic increased rapidly from year to year. This development continued in spite of the economic crisis, which was
particularly severe in Poland during the nine years immeparticularly severe in Poland during the nine years imme-
diately preceding this war. Taking the figures of maritime draffic for 1929 as a standard, in the year 1938 London's maritime traffic showed an increase of 7.5 per cent; that of
Liverpool, 25.2 per cent; Rotterdam, 14.6 per cent; Danzig, 21.8 per cent; Corpenhagen, 43.1 per cent; Stettin, 42.5 per cent; and Marseilles, 11.3 per cent. The traffic in other main cent; and Marseilles, 11.3 per cent. The traftic in other main
European ports actually decreased in Antwerp by 4.3 per
cent; Hamburg. 5.9 per cent; ;and Bremerhaven. 19.9 per cent; Hamburg, 5.9 per cent; and Bremerhaven, 19.9 per
cent. In the same year the traffic of the new Polish port showed an increase of 350.5 per cent.
During its first years the
During its first years the port of Gdynia was visited by ramp steamers only-by ships which called whenever they were no regular lines. But in time foreign shipowners began to take an interest in the new venture, and in 1931 Gdyyia
was already a port of call for 23 regular shipping lines 18 was already a port of call for 23 regular shipping lines, 18
f which were connected with other European ports. During of which were connected with other European ports. During
hat year these regular lines further expanded their services, linking up Gdynia with 48 European and 27 extra-European ports. By 1938, the number of regular lines had risen to
2 (41 European and 11 extra-European) and Gdynia was linked up by regular lines with 156 other ports throughout the world.
Services between Gdynia and Great Britain were maintained by five regular lines, which maintained a weekly serv-
ice to the harbors of London, Hull, Leith, Grangemouth, Manchester, Liverpool and Southampton.

POLANDS GREAT SEA TRIUMPH OFF OLIWA IN 1627

## PIKES VERSUS GUNS



 mand






 Theng yutues of of oluterest somed owstide the reeraniting
 gaete were io be
"On September 1st the first voluntary detachment was
formed. Those who managed to enlist on that pleased, for no volunteers could be accepted next day owing to lack of uniforms, guns and ammunition. More than 0,000 able-bodied men remained. Should they watch while
others fight to die? No! Mr. X., immediately put his whe others fight odie? No! Mr. X., immediately put his volun-
teer detachments at the disposal of the Military Authorities. "All men not employed on work of vital national importance
began immediately to build shelters, put up obstructions to began immediately to build shelters, put up obstructions to
prevent the landing of enemy planes, and dig trenches to prevent the landing of enemy planes, and dig trenches to
hold up the march of the enemy's Panzer Divisions into Gdynia. Every day, from early morning until late at night Gdynia when necessary all through the night-workmen of It was by no means a safe or an easy job. They were often bliged to work under fire and were machine-gunned and bombed by the invaders. Many died, spade in hand, but they carried on to the end. The anti-tank obstructions and
trenches held the enemy for two weeks at some distance rom the town. Later they made it possible for the brave defenders of Oxywie to hold out until September 21st with-
out artillery or anti-aircraft defenses. "Althor or anti-aircraft defenses.
Although the Germans ultimately captured our trenches
ad overcame our obstacles, they paid dearly for it every trench was filled with dozens of their dead. The men who died defending Gdynia were revenged. It was the pike"After the fortifications were f
Mr. X. attempted once more to eplace front line units which were overtired and had already uffered severe losses.
ammunition and guns, but because of the lack of uniforms. rearms, No
It was decided to form volunteer battalions
It was decided to form volunteer battalions.
of enthusiasm in Grabowek. Maly Kack, Witomin, Chylonia, isowa and Obluze (suburbs of Gdynia).
of pikemen hurried to meet the Germans in the direction of Rumia-Zagorze, where they had attacked ferociously in order "
meet the Nazized, forty, armed only with pikes, went out to 300 of Hitler's soldiers fell. One complete company was wiped out, and the Gdynians who returned brought back

light and heavy machine guns, pistols, grenades and ammu"Succeeding attacks had similar results. We may have
lost dozens of our men, but for each one who fell five Germans paid with their lives.
"After our pikemen's first attack the panic in the German camp became so great that their advance posts were pro camp became so great that their advance posts were pronot stop our pikemen who fought until the end. When i
was decided to surrender the center of the town to save it was decided to surrender the center of the town to save it
from utter destruction, the pikemen withdrew to Oxywie where they finally realized their ambition and were drafted
into the regular army. into the regular army. "For one more week they fought hand in hand with rades from the Naval Brigade for National Defense, and with
volunteers from Gdyni volunteers from Gdynia.
"For seven days they
"For seven days they fought without respite, with no anti-
aircraft guns or artillery, and under a heavy bombardment by land and sea. They fought among the burning houses of Kepa Oxywska, three-quarters of which the enemy had de-
Stroyed. But they did stroyed. But they did not surrender. When they ran out
of ammunition, they attacked with bayonets and pikes. Mr. Of., filling the the post of their wounded commander, led the
the aattalion and drove the enemy back from the Grodek Elec-
ric Works to the slaughterhouse. The brave leader was ric Works to the slaughterhouse. The brave leader was
then given the rank of sergeant, but unfortunately he was
captured then given the rank of sergeant, but unfortunately he was,
captured shortly afterwards when repulsing an enemy attack."

## T H E Y D E L I V E R

 sitem Final instructions were being
given to the captains sitting
around the tables. Strong weatherworn faces were concentrated on the speaker. Men of character,
of long experience were thinking
of the important job ahead. of the important job ahead.
The captain of the Polish The captain of the Polish mer-
chantman Kmicic listened with
particular care though he had particular care though he had
heard similar instructions countless times. On him rested the re-
sponsibility of keeping the sponsibility of keeping the con-
voy in good order. An old sea voy in good order. An old sea
dog, the captain. had life-long
experience in sailing the seas and experience in sailing the seas and
was well prepared for his job.
The Norwegian was to be his The Norwegian was to be his
neighbor. They had sailed together before. Once during a
gether ore
heavy fog they had almost col-
lided. Since then there was always an exchange of jokes between the two ships. Parting at
the docks the Polish captain said
you keep your distance. We can shake hands with you on you keep your distance. We can shake hands with you on
shore." The Norwegian captain smiled and vigorously shook
the Pole"s hand the Pole's hand.
At first it looked as if the weather would hold out, but on the second day the sun disappeared, grey clouds covered on the second day the sun disappeared, grey clouds covered
the sky. Visibility was poor, the sea was choppy and the icy wind cut to the skin. This raw weather was not to the
liking of the sailors. That's when tempers are apt to grow liking of the sailors. That's when tempers are apt to grow
short. A sharp lookout was kept against the marauding Short.
enemy.
"Dam. "Damn pesky!" is what the captain called it as he buttoned
up his oilskin. The third day dawned, damp and grey with low rolling clouds.
The convoy was ploughing its way into the heavy sea
side and the ships roiled slowly from side to side. With rythmical
regularity the Norwegian repeated the signals from the Po regularity the Norwegian repeated the signals from the Po-
lish commodore. The sounds were muffled by the dampness - everything felt unreal.
"I wish the weather wo
"I wish the weather would make up its mind once and for all." The captain wiped his face as he turned to the officer
who was to relieve him. It was getting lighter. The Norwegian could be seen clearly. The convoy was still safe, no
U-boats, no planes and the fog was lifting. The captain U-boats, no planes and the fog was lifting. The captain
thought that he would turn in. No one knows when trouble may start.
Just to make sure the captain scanned the horizon again.
Only short waves bobbed up as far as his eye could reach.
It was daylight now. It was daylight now.
the fuess you will find everything, in order," he spoke to denly. His head cocked to the side he listened intently. The first officer listened too. The faint broken hum was
growing louder. It was a plane. The captain trained his growing louder. It was a plane. The captain trained his
glasses in the direction of the sound. A tiny speck hardly discernible to the naked eye was changing into an airplane.
As it approached it flew up into the clouds, reappeared for As it approached it flew up into the clouds, reappeared for
a short space and went back into the clouds again. That a short space and went back into the clouds
was a funny way to act. The captain ordered:


Depth charges.
"Man the guns!"
"Take aim!" The crew was working feverishly as the
plane emerged again heading for the Kmicic. It was still plane emerged again heading for the Kmicic. It was still
impossible to see whether it was a friend or an enemy impossible to see whether it was a friend or an enemy.
The plane was almost within range. At that moment, the British Officer ran up.
"A moment, sir, the plane's signalling."
The captain looked up at the plane again.
"Illt signal him so that he wont signal again," he an"I'll signal him so that he won't signal aga
swered, straining his words through his teeth.
"Ready?" "Ready?"
"Aye aye sir."
"Aye, aye, sir."
The German Dornier could be recognized now. It was swooping from the clouds directly at the Kmicic.
The ship's guns belched smoke and fire. A flicker appeared The ship's guns belched smoke and fire. A flicker appeared
in the Dornier's wings as he veered off the course, and dropped the bombs into the water. Another salvo from the Kmicic started a fire in the Dornier's tail. His course upward was stopped and he dived toward the water, trailing smoke be-
hind. Tongues of flame burst around the hulk as the pilot was desperately trying to pull the plane out of the mad dash. The Norwegian was moving directly into its way. Would he get out in time? The Dornier gave out one final spasm,
then exploded and flopped into the water just a few yards off the Norwegian's bow.
The captain heaved a sigh of relief. Beads of perspiration
stood out on his forehead. The British Officer just clenched stood out on his forehead. The Briti
his jaws so that his skin grew taut.
The First Officer broke the silence.
"That was a close one!"" " "Congratulations, captain," the British Officer said shortly.
"The Norwegian got quite wet. Ask him if he wants a towel?" is all the captain quite wet.
In a short time the signalman came back with a message
from the Norwegian. The captain smiled as he read and Irom the Norwegian. The captain smiled as he reat
"Thanks, but we just got our laundry back today,"
"I'm deat wien
Thanks, but we just got our laundry back today. "I'm going below." Hardly had he turned his back when

T H E G O O D S


Looding anti-aircraft guns.
before they leave us for good,
the captain cautioned. High above the Dorniers were moving into position. The Kmicic was waiting in tense expectation.
With lightning speed a Dornier was swoonig woment he was low ower the Kas swooping down. In a
morip.s guns
turned over twice and fell into the water like a dead duck The other Dornier, still on high, swiftly turned tail and
vanished into the gloomy sky.
"Two dead birds today. Not bad, captain !" the First Offi-
barked and the Dornier's baritone drone suddenly changed
into a sputter and a cough. He went into a high scream, cer spoke jubilantly.


Shooting the sun.
ot into action this time," the captain
nodded to where the Norwegian's
position was. He stopped suddenly.
The Norwegian had dropped behind position was. He stopped suddenly.
The Norwegian had dropped behind
Big clouds of smoke streamed frem Big clouds of smoke streamed from its bow. The fire was spreading rapid-
ly because she was carrying oil. The
Kmicic being the Kmicic ceing the corrmodore could
not stop to help her. He must go on not stop to help her. He must go on
with the whole convoy. Slowly but steadily the Norwegian was dimin-
ishing in the distance steadiy the Norwegian was dimin-
ishing in the distance. Some ships
stopped to pick up the men. stopped to pick up the men.
The captain stood long on the
bridge and stared silently at the The captain stood long on the
bridge and stared silently at the
black smoke pyre. A faint explosion
reached his eat reached his ear. He winced notice-
ably. It was all over now. The ship ably. It was all over now
just gave up her soul. just gave up her soul.
With bent head the captain
turned away-the ocean seemed
suddenly suddenly empty. At that moment from the telegraph operator. "Last,
message from the Norwegian, sir !"
The captain took it listlessly The captain took it listlessly
(Please turn to page 15)

## THE BALTIC

## y JAN KASPROWICZ

From the sea we are, from the ocean!
O Baltic! Time's blade behold, Oisaltic! Time's blade behold,
Raised orer the fount of our glory,
The waters Polish of old.
From the sea we are, from the ocean! From murmurous Baltic's space,
With vigor and freshness unceasing, Wenewing our Polish race.
From the sea we are, from the ocean!
From Baltic's anchanting strand. Firm on the shore it caresses,

From the sea we are, from the ocean!
On its banks let God shed his care! We vow to defend them forever,
No foeman to threaten shall dare
From the sea we are, from the ocean!
Far on its giant waves blown Far on its giant waves iown,
Already our prows cut its waters, And sail to some happy unknown.
From the sea we are, from the ocean!
From the sea we are, from the ocean!
O Baltic! We are for thy might
A bulwark! Let danger but menace,
With sword lifted high, we shall fight!
-Tr. by A. P. COLEMAN
in The Polish Land.

## POLISH NAVY FIRST TO FIGHT

(Continued from page 5)
with mass landing operations of American and British troops of the British Eighth Army against Rommel's forces. Polish ships were active too. The Blyskawica saved a 17,000 -ton allied transport carrying thousands of American troops from enemy subs and planes. The only escort the big transport
had, the Polish destroyer drove off an air attack, shooting down one plane. Later at Bougie in Algiers, the Blyskazvica fought off an attack of 40 German planes.
Together with many allied warships, four Polish destroyers and two submarines were concentrated in the Mediterranean. During the softening up process preceding the in-
vasion of Sicily in July, 1943, they dealt mortal blows to vasion of Sicily in July, 1943 , they dealt mortal blows to
Axis shipping. Much of the activity of Polish naval units still remain a secret. It is known that in August, 1943, as final preparations were being mapped for the invasion of Italy, the submarine Dzik penetrated Messina Straits, Palermo Bay and the Tyrrhenian Sea in a daring search for
enemy shipping off Italy. Finally, the submarine steamed into Otranto Straits, 25 miles from Bari, and sunk two ships. She also sunk several German ships during the evacuation of German troops from Corsica.
Polish warships participated in the Sicilian invasion last July and in the invasion which so recently breached Hitler's conditional surrender of Italy. Their chief duty was to shell enemy coastal batteries, escort troops and materials, convoys and patrol.
Following the surrender of Italy the Rt. Hon. A. V. Alexander, First Lord of the Admiralty, said: "The Royal Navy Navy has done, and it is fitting that the units of the Polish Naval forces taking part in the Mediterranean operations were in at the kill with their comrades in arms of the Royal Navy and the other Allied Navies."
A summary of the activity of the Polish Navy shows: 600
escorts, 450 patrols, 130 submarine engagements, 25 surface escorts, 450 patrols, 130 submarine engagements, 25 surface
engagements, 200 enemy aircraft attacks fought off, 24 engagements with enemy coastal artillery. In addition on nu-
merous occasions the Polish navy assisted in rescuing allied warships and merchant ships as well as allied aircraft.
So distinguished have been the services of the Polish Navy that among the eight navies. fighting with the American and
British navies, Polish personnel have received $45 \%$ British navies, Polish personnel have received $45 \%$ of
British D.S.O.s awards; $23 \%$ of the D.S.C.s and $27 \%$ of the D.S.M. medals. Actually the Poles have won 11 D.S.O. dispatches and 16 D.S.M. awards and five mentions in dispatches. In addition the navy has been awarded 27 Ver tion for valor: 850 Military Crosses of Valor, and 18 Crosses of Merit.
While the Polish Navy is only a flotilla of light units compared to the mighty fleets of the United States and Great siderable force, being fourth in size after the navies of Germany, Russia and Sweden. Her naval strength was greater than that of Denmark, Finland, Estonia or Latvia. The oldest ship in the Polish fleet when the war broke out wa
built in 1929 . built in 1929 .
Today the Polish Navy consists of seven destroyers, three submarines, a cruiser and three motor torpedo boats.
After the war it is hoped that Poland will have a large and a stronger navy.
Poland has no imperialistic designs on the rest of the world. Neither do the $35,000,000$ Polish citizens seek anyPolish Navy wants only to be in the vanguard of United Polish Navy wants only to be in the vangua
Nations navies, guarding the safety of the seas.

## Poland's Great Sea Triumph Off Oliwa in 1627

 (Continued from page 10)Taken prisoner were two captains, two lieutenants, a pasto many wounded. The result of the victory was the lifting o the blockade of Danzig and renewed Polish control over the Baltic from Libau to Stettin.

WHAT POLISH MERCHANT SHIPS DO FOR VICTORY
staff for Polish dockyards after the war. How far this work has developed can be e judged by the fact that one British port is manned by Polish repair gangs. Besides tackling
Polish ships they also repair British and other Allied merchant vessels. Finally, special twelve-month courses in port administration and foreign trade are- increasing the numbers
of those who will have to take over the administration of of those who will have to take over the administration of
Polish ports, port and shipping enterprises, direct the comPolish ports, port and shipping enterprises, direct the com-
plex machinery of foreign trade, etc. On completion of this course the students go on to corresponding British port and
navigation bodies to obtain practice in their profession navigation bodies to obtain practice in their profession.
This guarantees that they will also obtain both theoretical This guarantees that they will also obtain
and practical knowledge of maritime affairs.

Poland's ardent desire to gain her rightful place among
maritime nations is best shown by the devotion maritime nations is best shown by the devotion of her sea-
faring men, who face the lurking dangers of the dee. faring men, who face the lurking dangers of the deep. Even
when bombed and torpedoed the survivors join and carry on. Fighting on all the seven seas, Poland has lost many
valuable lives and vessels. So it is particularly gratifying valuable lives and vessels. So it is particularly gratifying
that her powerful allies, the United States and Great Britain, that her powerful allies, the United States and Great Britain,
are helping her to replace her tonnage, so that her brave are helping her to replace her tonnage, so that her brave
seamen can continue their fight for the cause of the United Nations.
God Bless the Polish Seamen!

MIRACLE OF GDYNIA: FROM FISHING VILLAGE TO MODERN SEAPORT
(Continued from page 9)
of ships calling there, but on the quantity and diversity of
goods they load and discharge. In this respect, to goods they load and discharge. In this respect, too, the
development of Gdynia is striking. In 1926 the total weight of goods passing through Gdynia was 404,561 tons, in 1931
$5,300,114$ tons, and in 1938 , 173,438 tons $5,300,114$ tons, and in $19389,173,438$ tons.
The chief imports were scrap iron and iron ores, cotton,
wool, rubber, oil seeds, fish (herrings), rice and fruit. The most important exports were coal and coke, timber and articles made of wood, sugar, corn and dairy produce, textiles and chemical products.
The vital importance of Gdynia to Poland's foreign trade may be gauged by the steady growth in the proportion of
Polish exports and imports handled by the port. In 1929, Polish exports and imports handled by the port. In 1929
only 2.03 per cent of all Poland's exports and imports passed through Gdynia. In 1937, the figure had risen to 57.71 per cent.
Gdynia flung wide the gates for Polish maritime trade to of Poland's trade with. In terms of value over 70 per cent docks of Gdynia. Thanks to this new outlet freely to develop her trade relations with Great Britain
hampered by German control.
But not only Poland's foreign trade passed through Gdy
nia. A free zone was created for Czechoslovakia's maritime
trade, which previously had been restricted to the German
ports of Hamburg, Bremen and ports of Hamburg, Bremen and so on. Two steamers flying discharge goods for transit through Poland.
Other countries too, such as Rumania, Hungary and Yugoslavia, made more, and more frequent use of the harbor of
Gdynia for their northern sea trade There is an old say
There is an old saying: "Trade follows the flag." Realiza seaport and a merchant navy. Although Poland had little be made, in 1927 she awned more urgent investments to be made, in 1927 she owned six ships totalling 11,242
G.R.T., in 1933 forty of 65,903 G.R.T. and in 1939 eightyone of 98,991 G.R.T.
Special colliers and cold storage ships for carrying food-
stuffs to London and Hull formed part of Poland's new stuffs to London and Hull formed part of Poland's new Merchant Navy. Large motor-driven passenger liners, two
of them built in $1935-1936$, sailed regularly from Gdynia to North and South American ports.
Many of these ships resisted German aggression side by
side with the small Polish Navy, and suceeded in British ports. They are continuing the struggle side reaching British ports. They are continuing the struggle side by side
with the British Navy.

## THEY DELIVER THE GOODS

(Continued from page 13)
stared ahead with unseeing eyes. His stiff fingers fumbled with the paper.
to your head!"
"Joking to the end even in the face of death" the said to himself. Then to the signalman : "See if there are any reports of the rescue."
As the signalman walke cigarette. The matches would not light in the damp weather a With a nervous gesture the captain tossed cigarette and matches overboard.
"Almost all the n Almost all the men picked up. Captain still missing, with In the evening the report was complete. The captain, tw officers and half the crew had perishede. The captain, two This is but one incident of hundreds of others in which
men of the Allied Nations sacrifice their lives in the figh
against the common foe. The unity of aims and ideals joins them in a close brotherhood where language is no hindrance.
The navy and merchant fleets of the Allied Nations have The navy and merchant fleets of the Allied Nations have
been sailing together since the beginning of the war. Among been sailing together since the beginning of the war. Among
them Polish ships and vessels take their share of victories and losses. Polish men serving on these ships are confident of Allied victory, and are looking forward to the day when
once again Polish ships will carry the world's goods to
Polish ports and Polish goods to the markets of the world

The Polish Review

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## GIVE TO THE RED CROSS

On Land, at Sea and in the Air, in the Mediterranean and the Pacific, the blood of American men is being freely shed for the Liberty of all the United Nations, for the

## LIBERTY OF POLAND!

## give that they may live

ALL POLES are urged to send as much as they possibly can to the Polish Chapter of the American Red Cross, care of Mrs. George H. Burr, Waldorf Towers, Park Avenue at Fiftieth Street، New York City.

